

PRODUCT INFORMATION

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| Tag                          | <b>Warning:</b> Undefined variable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806<br>C-Flag&Strep Tag                                                                                                                                                                                                                                                                                                                                                                     |
| Target                       | P2RX3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Synonyms                     | P2X3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description                  | Human P2RX3-Strep full length protein-synthetic nanodisc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Delivery                     | 6~8weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Uniprot ID                   | P56373                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Protein Families             | Ion Channels: ATP Receptors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Protein Pathways             | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molecular Weight             | The human full length P2RX3-Strep protein has a MW of 44.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                                                                                                                                                                         |
| Storage & Shipping           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                                                                                                                                                                                                                                                                                                      |
| Background                   | This gene encodes a member of the P2X purinergic receptor (purinoceptor) gene family which includes seven members (P2RX1 - P2RX7). P2X purinoceptors are a family of cation-permeable, ligand-gated ion channels that open in response to the binding of extracellular adenosine 5'-triphosphate (ATP). The encoded protein is a subunit of the trimeric P2X3 receptor ion channel which is expressed by sensory or autonomic neurons. A deficiency of the orthologous protein in mice is associated with reduced pain-related behavior and urinary bladder hyporeflexia. [provided by RefSeq, Aug 2017] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

