

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 Tag                                                                                                                                                                                                                     |
| Target                       | 5HT3C                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms                     | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Description                  | Human 5HT3C full length protein-synthetic nanodisc                                                                                                                                                                                                                                                                                                                                                                                                 |
| Delivery                     | 6-8weeks                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Uniprot ID                   | Q8WXA8                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Families             | Ion Channels: Cys-loop Receptors                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Protein Pathways             | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Molecular Weight             | The human full length 5HT3C protein has a MW of 50.2kDa                                                                                                                                                                                                                                                                                                                                                                                            |
| 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                   | The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit C of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. Genes encoding subunits C, D and E form a cluster on chromosome 3. [provided by RefSeq, Jul 2008] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                       |

