

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                       | CTSR4                                                                                                                                                                                                                                                           |
| Synonyms                     | N/A                                                                                                                                                                                                                                                             |
| Description                  | Human CTSR4-Strep full length protein-synthetic nanodisc                                                                                                                                                                                                        |
| Delivery                     | 6~8weeks                                                                                                                                                                                                                                                        |
| Uniprot ID                   | Q7RTX7                                                                                                                                                                                                                                                          |
| Expression Host              | HEK293                                                                                                                                                                                                                                                          |
| Protein Families             | Ion Channels: Other                                                                                                                                                                                                                                             |
| Protein Pathways             | N/A                                                                                                                                                                                                                                                             |
| Molecular Weight             | The human full length CTSR4-Strep protein has a MW of 54.1 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                   | Voltage-gated calcium channel that plays a central role in calcium-dependent physiological responses essential for successful fertilization, such as sperm hyperactivation, acrosome reaction and chemotaxis towards the oocyte.[UniProtKB/Swiss-Prot Function] |
| Usage                        | Research use only                                                                                                                                                                                                                                               |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                    |

