

PRODUCT INFORMATION

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| Tag | C-Flag&Strep Tag |
| Target | 5HT3E |
| Synonyms | 5-HT3-E, 5-HT3E, 5-HT3c1 |
| Description | Human 5HT3E-Strep full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | A5X5Y0 |
| Expression Host | HEK293 |
| Protein Families | Ion Channels: Cys-loop Receptors |
| Protein Pathways | N/A |
| Molecular Weight | The human full length 5HT3E-Strep protein has a MW of 51.4 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 locus encodes a 5-hydroxytryptamine (serotonin) receptor subunit. The encoded protein, subunit E, may play a role in neurotransmission in myenteric neurons. Genes encoding subunits C, D and E form a cluster on chromosome 3. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Feb 2012] |
| Usage | Research use only |
| Conjugate | Unconjugated |

