

**PRODUCT INFORMATION**

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| <b>Tag</b>                              | C-Flag&Strep Tag   |
| <b>Target</b>                           | 5HT4R  |
| <b>Synonyms</b>                         | 5-HT4, 5-HT4R  |
| <b>Description</b>                      | Human 5HT4R-Strep full length protein-synthetic nanodisc   |
| <b>Delivery</b>                         | 6~8weeks   |
| <b>Uniprot ID</b>                       | Q13639   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Protein Families</b>                 | GPCR,Transmembrane,Druggable Genome,   |
| <b>Protein Pathways</b>                 | GPCRDB Class A Rhodopsin-like,Monoamine GPCRs,   |
| <b>Molecular Weight</b>                 | The human full length 5HT4R-Strep protein has a MW of 43.8 kDa<br>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. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.   |
| <b>Formulation &amp; Reconstitution</b> | 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.  |
| <b>Storage&amp;Shipping</b>             | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.  |
| <b>Sterility</b>                        | This gene is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described. [provided by RefSeq, May 2010] |
| <b>Background</b>                       |  |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |

