

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Expression Host | HEK293 |
| Target | 5HT1B |
| Synonyms | 5-HT-1B, 5-HT-1D-beta, 5-HT1B, 5-HT1DB, HTR1D2, HTR1DB, S12 |
| Description | Human 5HT1B full length protein-synthetic nanodisc |
| Uniprot ID | P28222 |
| Protein Families | GPCR, Transmembrane, Druggable Genome, |
| Protein Pathways | GPCRDB Class A Rhodopsin-like, Monoamine GPCRs, |
| Molecular Weight | The human full length 5HT1B protein has a MW of 43.6kDa |
| Delivery | 6~8weeks |
| 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 |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| 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 protein encoded by this intronless gene is a G-protein coupled receptor for serotonin (5-hydroxytryptamine). Ligand binding activates second messengers that inhibit the activity of adenylate cyclase and manage the release of serotonin, dopamine, and acetylcholine in the brain. The encoded protein may be involved in several neuropsychiatric disorders and therefore is often a target of antidepressant and other psychotherapeutic drugs. [provided by RefSeq, Nov 2015] |
| Usage | Research use only |
| Conjugate | Unconjugated |

