

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | MTR1B |
| Synonyms | FGQTL2, MEL-1B-R, MT2 |
| Description | Human MTR1B full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | P49286 |
| Expression Host | HEK293 |
| Protein Families | Transmembrane,Druggable Genome, |
| Protein Pathways | GPCRDB Class A Rhodopsin-like,Small ligand GPCRs,Cancer, |
| Molecular Weight | The human full length MTR1B protein has a MW of 40.2kDa |
| 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 | This gene encodes one of two high affinity forms of a receptor for melatonin, the primary hormone secreted by the pineal gland. This gene product is an integral membrane protein that is a G-protein coupled, 7-transmembrane receptor. It is found primarily in the retina and brain although this detection requires RT-PCR. It is thought to participate in light-dependent functions in the retina and may be involved in the neurobiological effects of melatonin. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |

