

## Product datasheet for **TP721723M**

### **MTR1B Human Recombinant Protein, Synthetic Nanodisc**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Human MTR1B full length protein-Synthetic Nanodisc, 100µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	C-terminal Flag tagged overexpression cDNA clone
<b>Tag:</b>	C-term Flag Tag
<b>Predicted MW:</b>	The human full length MTR1B protein has a MW of 40.2kDa
<b>Concentration:</b>	Please refer to the Certificate of Analysis (COA) for the lot-specific concentration before lyophilization.
<b>Purity:</b>	The purity of the protein is determined by SDS-PAGE and Coomassie blue staining.
<b>Buffer:</b>	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. Do not use solvents with pH lower than 6.5 in subsequent experiments.
<b>Preparation:</b>	Affinity purification
<b>Storage:</b>	Store at -20°C to -80°C for 12 months in lyophilized form.
<b>Stability:</b>	After reconstitution, if not intended for use within a month, aliquot and store at -80°C . Avoid repeated freezing and thawing.
<b>Locus ID:</b>	4544
<b>UniProt ID:</b>	<a href="#">P49286</a>
<b>Synonyms:</b>	FGQTL2, MEL-1B-R, MT2
<b>Protein Families:</b>	GPCR, Transmembrane, Druggable Genome
<b>Protein Pathways:</b>	GPCRDB Class A Rhodopsin-like, Peptide GPCRs



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