

Product datasheet for **TP721718M**

MRGX3 Human Recombinant Protein, Synthetic Nanodisc

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human MRGX3 full length protein-Synthetic Nanodisc, 100µg
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	C-terminal Flag tagged overexpression cDNA clone
Tag:	C-term Flag Tag
Predicted MW:	The human full length MRGX3 protein has a MW of 36.5kDa
Concentration:	Please refer to the Certificate of Analysis (COA) for the lot-specific concentration before lyophilization.
Purity:	The purity of the protein is determined by SDS-PAGE and Coomassie blue staining.
Buffer:	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.
Reconstitution Method:	<ol style="list-style-type: none">1. Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5min at room temperature to ensure the lyophilized sample settles down at the bottom of the tube.2. Calculate the volume for reconstitution (in µL) using the formula: [Quantity (mg)/Concentration (mg/mL)]x10003. Dissolve the lyophilized protein sample in sterile water based on the calculated volume (µL)4. After adding sterile water, cover the lid and mix by gently tapping the tube 5-10 times. Note: Do not vortex or vigorously pipette the sample.
Preparation:	Affinity purification
Storage:	Store at -20°C to -80°C for 12 months in lyophilized form.
Stability:	After reconstitution, if not intended for use within a month, aliquot and store at -80°C . Avoid repeated freezing and thawing.
Locus ID:	117195
UniProt ID:	Q96LB0
Synonyms:	GPCR, MRGX3, SNSR1, SNSR2



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Protein Families: GPCR, Transmembrane, Druggable Genome

Protein Pathways: GPCRDB Class A Rhodopsin-like, Nucleotide GPCRs, Cancer, Chemokines, Asthma, Autoimmune & Inflammatory Response, Chemokine and Receptor