Nanodisc Human NMBR Protein

HDFP353

Product Information

Product SKU:	HDFP353	**Expression Host**:	HEK293	**Size**:	10µg
Target:	NMBR	**Tag**:	C-Flag Tag		

Additional Information

Conjugate:	Unconjugated	**Uniprot ID:**	P28336
Molecular Weight:	The human full length NMBR protein has a MW of 43.4kDa		

Protein Information

Background:	This gene encodes a 7-transmembrane G protein-coupled receptor that binds neuromedin B, which is a growth factor and mitogen for gastrointestinal epithelial tissue and for normal and neoplastic lung. This receptor may play a role in smooth muscle contraction, neuronal responses, and the regulation of cell growth. Antagonists of this receptor have a potential therapeutic use in inhibiting tumor cell growth. Polymorphisms in this gene may be associated with a susceptibility for schizophrenia. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2016]
Synonyms:	BB1, BB1R, BRS1, NMB-R
Protein Description:	Human NMBR full length protein-synthetic nanodisc
Formulation:	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.
Protein Pathways:	GPCRDB Class A Rhodopsin-like, Peptide GPCRs, Cancer.
Protein Families:	GPCR, Transmembrane, Druggable Genome.
Usage:	Research use only

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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.

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