

PRODUCT INFORMATION

Tag	C-Flag Tag
Expression Host	HEK293
Target	NMBR
Synonyms	BB1, BB1R, BRS1, NMB-R
Description	Human NMBR full length protein-synthetic nanodisc
Uniprot ID	P28336
Protein Families	GPCR, Transmembrane, Druggable Genome,
Protein Pathways	GPCRDB Class A Rhodopsin-like, Peptide GPCRs, Cancer,
Molecular Weight	The human full length NMBR protein has a MW of 43.4kDa
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	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]
Usage	Research use only
Conjugate	Unconjugated

