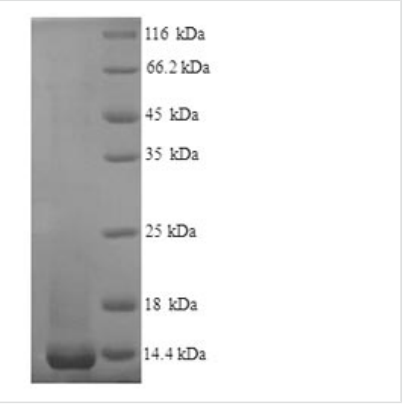
Recombinant Mouse Nogo-B receptor (Nus1), partial

Product Code	CSB-YP860384MO
Relevance	With DHDDS, forms the dehydrodolichyl diphosphate synthase (DDS) complex, an essential component of the dolichol monophosphate (Dol-P) biosynthetic machinery. Adds multiple copies of isopentenyl pyrophosphate (IPP) to farnesyl pyrophosphate (FPP) to produce dehydrodolichyl diphosphate (Dedol-PP), a precusrosor of dolichol which is utilized as a sugar carrier in protein glycosylation in the endoplasmic reticulum (ER). Regulates the glycosylation and stability of nascent NPC2, thereby promoting trafficking of LDL-derived cholesterol. Acts as a specific receptor for the N-terminus of Nogo-B, a neural and cardiovascular regulator.
Abbreviation	Recombinant Mouse Nus1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q99LJ8
Alias	Di-trans,poly-cis-decaprenylcistransferaseCurated Nogo-B receptorBy similarity Short name: NgBRBy similarity Nuclear undecaprenyl pyrophosphate synthase 1 homolog
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SWLRVRFGTWNWIWRRCCRAASAAVLAPLGFTLRKPRAVGRNRRHHRHPHG GPGPGPGPAATHPRLRWRADVRSLQKLPVHMGLLVTEEVQEPSFSD
Research Area	Others
Source	Yeast
Target Names	Nus1
Protein Names	Recommended name: Nogo-B receptor Short name= NgBRAlternative name(s): Nuclear undecaprenyl pyrophosphate synthase 1 homolog
Expression Region	24-120aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	13.0kDa
Protein Length	Cytoplasmic Domain

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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