



Recombinant Mouse Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 (Lingo1), partial

Product Code	CSB-YP880476MO
Relevance	Functional component of the Nogo receptor signaling complex (RTN4R/NGFR) in RhoA activation responsible for some inhibition of axonal regeneration by myelin-associated factors. Is also an important negative regulator of oligodendrocyte differentiation and axonal myelination . Acts in conjunction with RTN4 and RTN4R in regulating neuronal precursor cell motility during cortical development.1 Publication
Abbreviation	Recombinant Mouse Lingo1 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.	Q9D1T0
Alias	Leucine-rich repeat neuronal protein 1Leucine-rich repeat neuronal protein 6A
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	PPRCECSAQDRAVLCHRKRFVAVPEGIPTETRLLDLGKNRIKTLNQDEFASFP HLEELELNENIVSAVEPGAFNNLFLNRTLGLRSNRLKLIPLGVFTGLSNLTKLDIS ENKIVILLDYMFQDLYNLKSLEVGDNDLVYISHRAFSGLNSLEQLTLEKCNLTSI PTEALSHLHGLIVLRLRHLNINAIIRDYSFKRLYRLKVLEISHWPYLDTMTPNCLY GLNLTSLSITHCNLTAVPYLAVRHLVYLRFLNLSYNPIGTIEGSMLHELLRLQEIQ LVGGQLAVVEPYAFRGLNYLRVLNVSGNQLTTLEESAFHSVGNLETLILDSNPL ACDCRLLWVFRRRWRLNFNRRQQPTCATPEFVQGKEFKDFPDVLLPNYFTCR RAHIRDRKAQQVFVDEGHTVQFVCRADGDPPPAILWLSPRKHLVSAKSNGRL TVFPDGTLEVRYAQVQDNGTYLCIAANAGGNDSMPAHLHVRSSYSPDWPHQP NKTFAFISNQPGEGEANSTRATVPFPFDIKTLIIAT
Research Area	Others
Source	Yeast
Target Names	Lingo1
Protein Names	Leucine-rich repeat neuronal protein 1Leucine-rich repeat neuronal protein 6A
Expression Region	37-555aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

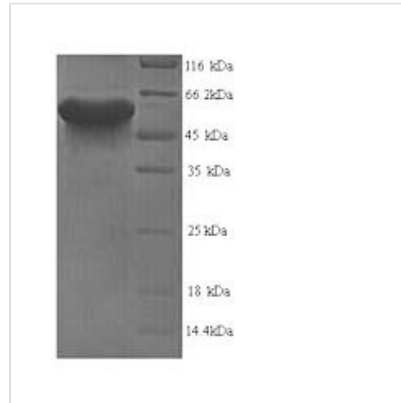


Tag Info N-terminal 6xHis-tagged

Mol. Weight 60.9 kDa

Protein Length Extracellular 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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