



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

<b>Product Code</b>	CSB-YP880476MO
<b>Relevance</b>	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
<b>Abbreviation</b>	Recombinant Mouse Lingo1 protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9D1T0
<b>Alias</b>	Leucine-rich repeat neuronal protein 1Leucine-rich repeat neuronal protein 6A
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	PPRCECSAQDRAVLCHRKRFVAVPEGIPTETRLLDLGKNRIKTLNQDEFASFP HLEELNENIVSAVEPGAFNNLFLNRTLGLRSNRLKLIPLGVFTGLSNLTKLDIS ENKIVILLDYMFDLYNLKSLEVGDNDLVYISHRAFSGLNSLEQLTLEKCNLTSI PTEALSHLHGLIVLRLRHLNINAIIRDYSFKRLYRLKVLEISHWPYLDTMTPNCLY GLNLTSLSITHCNLTAVPYLAVRHLVYLRFLNLSYNPIGTIEGSMHELLRLQEIQ LVGGQLAVVEPYAFRGLNYLRVLNVSGNQLTTLEESAFHSGNLETLILDSNPL ACDCRLLWVFRWRRLNFNRRQPTCATPEFVQGKEFKDFPDVLLPNYFTCR RAHIRDRKAQQVFVDEGHTVQFVCRADGDPPPAILWLSPRKHLVSAKSNLGR TVFPDGTLEVRYAQVQDNGTYLCIAANAGGNDSPHAHLHVRSPDWP HQP NKTFAFISNQPGEGEANSTRATVPPFDIKTLIIAT
<b>Research Area</b>	Others
<b>Source</b>	Yeast
<b>Target Names</b>	Lingo1
<b>Protein Names</b>	Leucine-rich repeat neuronal protein 1Leucine-rich repeat neuronal protein 6A
<b>Expression Region</b>	37-555aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

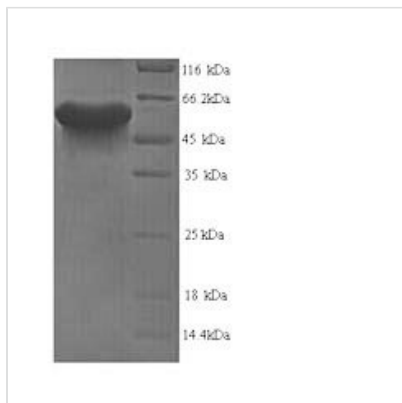


**Tag Info** N-terminal 6xHis-tagged

**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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