

Recombinant Human LINGO1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LINGO1-2099H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LINGO1 MS Standard C13 and N15-labeled recombinant protein (NP_116197) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	69.9 kDa
AA Sequence	MQVSKRMLAGGVRSMPSLLACWQPILLVLGSLVSGSATGCPPRCECSAQDRAV LCHRKRFBVAVPEGIPTETRLDLGKNRIKTLNQDEFASFPHLEELNENIVSAVEPG AFNNLFNLRTLGLRSNRLKLIPLGVFTGLSNLTKLDISENKIVILLDYMFDLYNLKSLE VGDNDLVYISHRAFSGLSLSLEQLTLEKCNLTSIPTEALSHLHGLIVLRRLHNLNINAIRDY SFKRLYRLKVLKLEISHWPYLDTMTPNCLYGLNLTSLSITHCNLTAVPYLAVRHLVYLRFL NLSYNPISTIEGSMHELLRLQEIQLVGGQLAVVEPYAFRGLNYLRVLNVSGNQLTTL EESVFHSGVGNLETILDSNPLACDCRLLWVFRRRWRLNFNRRQQPTCATPEFVQGKE FKDFPDVLLPNYFTCRRARIRDRKAQQVFVDEGHTVQFVCRADGDPPPAILWLSPR

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KHLVSAKSNGRLLTVFPDGTLEVRYAQVQDNGTYLCIAANAGGNDSMPLHLHVRSYS
PDWPHQPKNKTFAFISNQPGEGEANSTRATVPFPFDIKTLIIATTMGFISFLGVVLFCLV
LLFLWSRGKGNTKHNIEIYVPRKSDAGISSADAPRKFNMKMITRTRPLEQKLISEED
LAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name LINGO1 leucine rich repeat and Ig domain containing 1 [Homo sapiens (human)]

Official Symbol LINGO1

Synonyms LINGO1; leucine rich repeat and Ig domain containing 1; leucine rich repeat neuronal 6A, LRRN6A; leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1; FLJ14594; LERN1; leucine rich repeat neuronal 6A; leucine-rich repeat neuronal protein 1; leucine-rich repeat neuronal protein 6A; leucine-rich repeat and immunoglobulin domain-containing protein 1; LRRN6A; UNQ201; MGC17422;

Gene ID 84894

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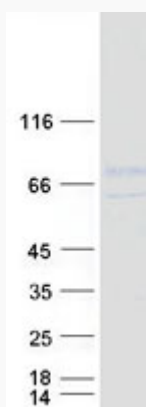
mRNA Refseq [NM_032808](#)

Protein Refseq [NP_116197](#)

MIM [609791](#)

UniProt ID [Q96FE5](#)

SDS-PAGE



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