

Recombinant Full Length Human LINGO1 Protein, C-Flag-tagged

Cat. No. LINGO1-349HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LINGO1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable epidermal growth factor receptor binding activity. Predicted to act upstream of or within generation of neurons and protein kinase B signaling. Predicted to be located in plasma membrane. Predicted to be active in extracellular matrix and extracellular space. Implicated in autosomal recessive non-syndromic intellectual disability and glaucoma.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	69.7 kDa
AA Sequence	MQVSKRMLAGGVRSMPSPLLACWQPILLVLGSLVSGSATGCPPRCECSAQDRAV LCHRKRFBVAVPEGIP TETRLDLGKNRIKTLNQDEFASFPHLEEELELNENIVSAVEPG AFNNLFNLRITGLRSNRLKLIPLGVFT GLSNLTKLDISENKIVILLDYMFQDLYNLKSLE VGDNDLVYISHRAFSGLSLSLEQLTEKCNLTSIPTEA LSHLHGLIVLRRLRLNINAIIRD YSFKRLYRLKVLEISHWPYLDTMTPNCLYGLNLTSLSTHCNLTAVPY LAVRHLVYLR FLNLSYNPISTIEGSMHELLRLQEIQLVGGQLAVVEPYAFRGLNYLRVLNVSGNQLT TL EESVFHSGVGNLETILDSNPLACDCRLLWVFRRRWRLNFRNQPTCATPEFVQG

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KEFKDFPDVLLPNYFT CRRARIRDRKAQQVFVDEGHTVQFVCRADGDPPPAILWLS
 PRKHLVSAKSNGRLTVFPDGTLEVRYAQVQ DNGTYLCIAANAGGND SMPAHLHVR
 SYSPDWPHQPNKTFAFISNQPGEGEANSTRATVPFPFDIKTLIA
 TTMGFISFLGVVLFCLVLLFLWSRGKNTKHNIEIYVPRKSDAGISSADAPRKFNMK
 MITRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

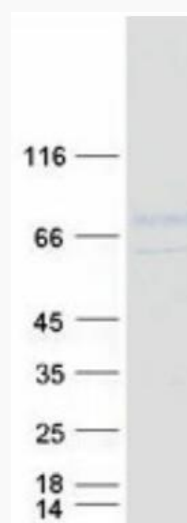
Gene Name	LINGO1 leucine rich repeat and Ig domain containing 1 [Homo sapiens (human)]
Official Symbol	LINGO1
Synonyms	LERN1; MRT64; LRRN6A; UNQ201
Gene ID	84894

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mRNA Refseq	NM_032808.7
Protein Refseq	NP_116197.4
MIM	609791
UniProt ID	Q96FE5



Coomassie blue staining of purified LINGO1 protein.