

Product datasheet for TP303867

LINGO1 (NM_032808) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human leucine rich repeat and Ig domain containing 1 (LINGO1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203867 protein sequence Red =Cloning site Green =Tags(s)

MQVSKRMLAGGVRSMPSPLLACWQPILLVLSVLSGSATGCPPRCECSAQDRAVLCHRKRFAVPEGIP
TETRLDLGKNRIKTLNQDEFASPHLEELNENIVSAVEPGAFNNLNLRLTLGLRSNRLKLIPLGVFT
GLSNLTKLDISENKIVILLDYMFQDLYNLKSLEVGDNLDLVYISHRAFSGLNSLEQLTLEKCNLTSIPTEA
LSHLHGLIVLRHLNINAIIRDYSFKRLYRLKVLEISHWPYLDTMTPNCLYGLNLTSLSITHCNLTAVPY
LAVRHLVYLRFLNLSYNPISTIEGSMHELLRLQEIQLVGGQLAWVEPYAFRGLNYLRVLNVSGNQLTTL
EESVFHSVGNETLILDSNPLACDCRLLWVFRRRWRLNFNRRQQPTCATPEFVQGKEFKDFPDVLLPNYFT
CRRARIRDRKAQQVFVDEGHTVQFVCRADGDPPPAILWLSPRKHLVSAKSNGRLLTVFPDGTLEVRYAQVQ
DNGTYLCIAANAGGNDSPAHLHVRSYSPDWP HQPNKTFAFISNQPGEGEANSTRATVPPFPDIKTLIIA
TTMGFISFLGVVLFCLVLLFLWSRGKGN TKHNIEIEYVPRKSDAGISSADAPRKFNMKMI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	69.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_116197
Locus ID:	84894
UniProt ID:	Q96FE5
RefSeq Size:	3109
Cytogenetics:	15q24.3
RefSeq ORF:	1860
Synonyms:	LERN1; LRRN6A; MRT64; UNQ201
Summary:	Functional component of the Nogo receptor signaling complex (RTN4R/NGFR) in RhoA activation responsible for some inhibition of axonal regeneration by myelin-associated factors (PubMed:14966521, PubMed:15694321). Is also an important negative regulator of oligodentocyte differentiation and axonal myelination (PubMed:15895088). Acts in conjunction with RTN4 and RTN4R in regulating neuronal precursor cell motility during cortical development (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified LINGO1 protein (Cat# TP303867). The protein was produced from HEK293T cells transfected with LINGO1 cDNA clone (Cat# [RC203867]) using MegaTran 2.0 (Cat# [TT210002]).