

Product datasheet for PH303867

LINGO1 (NM_032808) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LINGO1 MS Standard C13 and N15-labeled recombinant protein (NP_116197)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203867
Predicted MW:	69.9 kDa
Protein Sequence:	>RC203867 protein sequence Red=Cloning site Green=Tags(s)

MQVSKRMLAGGVRSMPSLLACWQPILLVLLGSLVSGSATGCPPRCECSAQDRAVLCHRKRFVAVPEGIP
TETRLLDLGNRIKTLNQDEFASFPHLEELNENIVSAVEPGAFFNLFNLRTLGLRSNRLKLIPLGVFT
GLSNLTKLDISENKIVILLDYMFDLYNLKSLEVGDNLDVYISHRAFSGLSLEQLTLEKCNLTSIPTEA
LSHLHGLIVLRLRHLNINAIRDYSFKRLYRLKMLEISHWPYLDTPNCLYGLNLTSLSITHCNLTAVPY
LAVRHLVYLRFLNL SYNPISTIEGSMHELLRLQEIQLVGGQLAVVEPYAFRGLNLYLRLNVSGNQLTTL
EESVFHSGVGNLETLILDSNPLACDCRLLWVFRWRWLNFRNQPTCATPEFVQKKEKDFDPVLLPNYFT
CRRARIRDRAKQVVFVDEGHTVQFVCRADGPPPAIWLSPRKHLVSAKSNLTVFPDGTLEVRYAQVQ
DNGTYLCAANAGGNDSPAHLHVRSPDWPHQPNKTFAFISNQPGEGEANSTRATVPFPFDIKTLIIA
TTMGFISFLGVVLFCLVLLFLWSRGGKNTKHNIEIEYVPRKSDAGISSADAPRKFNMKMI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_116197
RefSeq Size:	3109
RefSeq ORF:	1860



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Synonyms: LERN1; LRRN6A; MRT64; UNQ201

Locus ID: 84894

UniProt ID: [Q96FE5](#)

Cytogenetics: 15q24.3

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 oligodendrocyte 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]).