

Product datasheet for TP509426

Lingo1 (NM_181074) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse leucine rich repeat and Ig domain containing 1 (Lingo1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR209426 protein sequence
Red=Cloning site Green=Tags(s)

MLAGGMRSMPSPLLACWQPILLVVLGSLVSGSATGCPPRCECSAQDRAVLCHRKRFFAVPEGIPTETRLLDLGNRIKTLNQDEFASFPHELELNENIVSAVEPGAFNNLNLRLTLGLRSNRLKLIPLGVFTGLSNLTKLDISENKIVILLDYMFQDLYNLKSLEVGDNDLVYISHRAFSGLNSLEQLTLEKCNLTSIPTEALSHLHGLIVLRRLRHLNINAIRDYSFKRLRYRLKVLEISHWPYLDTPNCLYGLNLTSLSITHCNLTAVPYLAVRHLVYLRFLNLSYNPIGTIEGSMHELLRLQEIQLVGGQLAVPEPYAFRGLNYLRVLNVSGNQLTTLEESAFHSVGNLETILDSNPLACDCRLLWVFRRRWRLNFNRRQQPTCATPEFVQGKEFKDFPDVLLPNYFTCRRRAHIRDRKAQQVFVDEGHTVQFVCRADGDPPIALWLSPRKHLVSAKSNRGLTVFPDGTLEVRYAQVQDNGTYLCIAANAGGNDSPAHLHVRSPDWPHQPNKTFAFISNQPGEGEANSTRATVPPFDIKTLIATTMGFISFLGWVLFCLVLLFLWSRGKGNKHNIEIEYVPRKSDAGISSADAPRKFNMKMI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 69.1 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

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 after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_851419](#)

Locus ID: 235402

UniProt ID: [Q9D1T0](#)

RefSeq Size: 3321

Cytogenetics: 9 B

RefSeq ORF: 1845

Synonyms: 4930471K13Rik; AV148400; LERN1; LINGO-1; Lrrn6a; 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. Is also an important negative regulator of oligodendrocyte differentiation and axonal myelination (By similarity). Acts in conjunction with RTN4 and RTN4R in regulating neuronal precursor cell motility during cortical development.[UniProtKB/Swiss-Prot Function]