

Product Information

MemDX™ Membrane Protein Human LINGO1 (Leucine rich repeat and Ig domain containing

1) for Antibody Discovery

Cat. No.: **MP0581J**

This product is for research use only and is not intended for diagnostic use.

This product is a 69.7 kDa Human LINGO1 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

LINGO1

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

69.7 kDa

TMD

1

Sequence

MQVSKRMLAGGVRSMPSPLLACWQPILLVLGSLVSGSATGCPPRCECSAQDRAVLCHRKRFFAVPEGIP
TETRLDLGKNRIKTLNQDEFASFPHLEELNENIVSAVEPGAFNNLFLNRTLGLRSNRLKLIPLGVFT
GLSNLTKLDISENKIVILLDYMFQDLYNLKSLEVGDNLDVYISHRAFSGLSLEQLTLEKCNLTSIPTEA
LSHLHGLIVLRRLRLNINAIIRDYSFKRLYRLKVLEISHWPYLDTPNCLYGLNLTSLSITHCNLTAVPY
LAVRHLVYLRFNLNSYNPISTIEGSMHELLRLQEIQLVGGQLAVVEPYAFRGLNLYLRVLNVSGNQLTTL
EESVFHSGVGNLETILDSNPLACDCRLLWVFRWRWRLNFRNQPTCATPEFVQGKEFKDFPDVLLPNYFT
CRRARIRDRKAQQVFVDEGHTVQFVCRADGDPPPAILWLSPRKHLVSAKSNRGLTVFPDGTLEVRYAQVQ
DNGTYLCIAANAGGNDSPAHLHVRSYSPDWPHQPNTFAFISNQPGEGEANSTRATVPFPFDIKTLIA
TTMGFISFLGVVLFCLVLLFLWSRGKGNTKHNIIEYVPRKSDAGISSADAPRKFNMKMI

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

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

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

LINGO1

Full Name

Leucine rich repeat and Ig domain containing 1

Introduction

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.

Alternative Names

LERN1; MRT64; LRRN6A; UNQ201

Gene ID

[84894](#)

UniProt ID

[Q96FE5](#)