

Product datasheet for TP308535

LEMD2 (NM_181336) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human LEM domain containing 2 (LEMD2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208535 protein sequence Red=Cloning site Green=Tags(s)

MAGLSLDLELRRELQALGFQPGPITDTRDVYRNKLRRRLRGEARLRDEERLREEARPRGEEERLREEARLRE
DAPLRARAAAAPRAEPWLSQPASGSAYATPGAYGDIRPSAASWVGSRLAYPARPAQLRRRASVIRGSSSE
EDEDARTPDRATQGPGLAARRWWAASPAPARLPSSLLGPDPRPGLRATRAGPAGAARARPEVGRRLERWL
SRLLWASLGLLLVFLGILWVKMGKPSAPQEAEDNMKLLPVDCEKRTDFCQAKQKAALLELLHELHLYNFL
AIQAGNFECGNPENLKSCKIPVMEAQEIYANVTSSSSAKFEAALTWILSSNKDVGIWLKGEDQSELVTTV
DKVVCLESAHPRMGVGCRLSRALLTAVTNVLIFFWCLAFLWGLLILLKYRWRKLEEEEQAMYEMVKKIID
VVQDHYVDWEQDMERYPYVGIHVRDSLIPPQSRRRMKRVWDRAVEFLASNESRIQTESHVRVAGEDMLVW
RWTKPSSFSDSER

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	56.8 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.
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_851853](#)

Locus ID: 221496

UniProt ID: [Q8NC56](#), [A0A024RCZ1](#)

RefSeq Size: 2957

Cytogenetics: 6p21.31

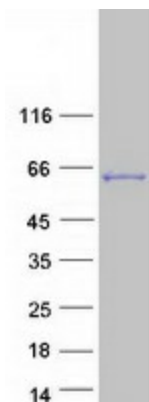
RefSeq ORF: 1509

Synonyms: CTRCT42; dj482C21.1; LEM2; MARUPS; NET25

Summary: This gene encodes a LEM domain-containing transmembrane protein of the inner nuclear membrane. The protein is involved in nuclear structure organization and plays a role in cell signaling and differentiation. Mutations in this gene result in Cataract 46, juvenile-onset. Multiple transcript variants have been found for this gene. [provided by RefSeq, Feb 2017]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified LEMD2 protein (Cat# TP308535). The protein was produced from HEK293T cells transfected with LEMD2 cDNA clone (Cat# [RC208535]) using MegaTran 2.0 (Cat# [TT210002]).