

Product datasheet for TP309941

LMOD1 (NM_012134) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human leiomodins 1 (smooth muscle) (LMOD1), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA: >RC209941 representing NM_012134
Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MSRVAKYRRQVSEDPDIDSLLETLSPEEMEELEKELDVVDPDGSVPVGLRQRNQTEKQSTGVYNREAMLN
FCEKETKKLMQREMSMDESKQVETKTDANGEEGRDASKKALGPRRSDLGKEPKRGGLKKSFSRDRDE
AGGKSGEKPKKEEKIRGIDKGRVRAAVDKKEAGKDGGRGEERAVATKKEEEKGSDRNTGLSRDKDKKREE
MKEVAKKEDDEKVKGERRNTDTRKEGEKMKRAGGNTDMKKEDEKVKRGTGNTDTKKDDEKVKKNEPLHEK
EAKDDSKTKTPEKQTPSGPTKPSGPAKVEEEAAPSIFDEPLERVKNNDPPEMTEVNVNNSDCITNEILVR
FTEALEFNTVVKLFALANTRADDHVAFIAIMLKANKTITSLNLDNSNHITGKILAFRALLQNNTLTEL
RFHNQRHICGGKTEMEIAKLLKENTLLKLGYHFELAGPRMTVTNLLSRNMDKQRQKRLQEQRQAQEAQG
EKKDLLEVPKAGAVAKGSPKPSQSPKPSKNSPKKGGAPAAPPPPPPLAPPLIMENLNKNSLSPATQR
KMGDKVLPAQEKNRDLQLLAAIRSSNLKQLKKVEVPKLLQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 66.8 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
Bioactivity: ELISA capture for autoantibodies (PMID: [28202777](https://pubmed.ncbi.nlm.nih.gov/28202777/))
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_036266
Locus ID:	25802
UniProt ID:	P29536
RefSeq Size:	3967
Cytogenetics:	1q32.1
RefSeq ORF:	1800
Synonyms:	1D; 64kD; D1; MMIHS3; SM-LMOD; SMLMOD
Summary:	The leiomodoin 1 protein has a putative membrane-spanning region and 2 types of tandemly repeated blocks. The transcript is expressed in all tissues tested, with the highest levels in thyroid, eye muscle, skeletal muscle, and ovary. Increased expression of leiomodoin 1 may be linked to Graves' disease and thyroid-associated ophthalmopathy. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified LMOD1 protein (Cat# TP309941). The protein was produced from HEK293T cells transfected with LMOD1 cDNA clone (Cat# [RC209941]) using MegaTran 2.0 (Cat# [TT210002]).