

Product datasheet for **TP309941L**

LMOD1 (NM_012134) Human Recombinant Protein

Product data:

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

MSRVAKYRRQVSEDPDIDSLLETLSPEEMEELEKELDVVDPDGSVPVGLRQRNQTEKQSTGVYNREAMLN
FCEKETKKLMQREMSMDESKQVETKTDANGEEGRDASKKALGPRRSDLGKEPKRGGLKKSFSRDRDE
AGGKSGEKPKKEKIIRGIDKGRVRAAVDKKEAGKDGGRGEERAVATKKEEKKGSDRNTGLSRDKDKKREE
MKEVAKKEDDEKVKGERRNTDTRKEGEKMKRAGGNTDMKKEDEKVKRGTGNTDTKKDDEKVKKNEPLHEK
EAKDDSKTKTPEKQTPSGPTKPSGPAKVEEEAAPSIFDEPLERVKNNDPPEMTEVNVNNSDCITNEILVR
FTEALEFNTVVKLFALANTRADDHVAFIAIMLKANKTITSLNLDNSNHITGKILAIFRALLQNNTLTEL
RFHNQRHICGGKTEMEIAKLLKENTLLKLGHYHFEAGPRMTVTNLLSRNMDKQRQKRLQEQRQAQEAQG
EKDLDLEVPKAGAVAKGSPKPSQSPKPSKNSPKKGGAPAAPPPPPPLAPPLIMENLNKNSLSPATQR
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)
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]).