

# Product datasheet for TP309941M

### LMOD1 (NM\_012134) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Recombinant protein of human leiomodin 1 (smooth muscle) (LMOD1), 100 µg Species: Human HEK293T **Expression Host: Expression cDNA** >RC209941 representing NM 012134 Clone or AA Sequence: Red=Cloning site Green=Tags(s) MSRVAKYRRQVSEDPDIDSLLETLSPEEMEELEKELDVVDPDGSVPVGLRQRNQTEKQSTGVYNREAMLN FCEKETKKLMQREMSMDESKQVETKTDAKNGEERGRDASKKALGPRRDSDLGKEPKRGGLKKSFSRDRDE AGGKSGEKPKEEKIIRGIDKGRVRAAVDKKEAGKDGRGEERAVATKKEEEKKGSDRNTGLSRDKDKKREE MKEVAKKEDDEKVKGERRNTDTRKEGEKMKRAGGNTDMKKEDEKVKRGTGNTDTKKDDEKVKKNEPLHEK EAKDDSKTKTPEKQTPSGPTKPSEGPAKVEEEAAPSIFDEPLERVKNNDPEMTEVNVNNSDCITNEILVR FTEALEFNTVVKLFALANTRADDHVAFAIAIMLKANKTITSLNLDSNHITGKGILAIFRALLQNNTLTEL RFHNQRHICGGKTEMEIAKLLKENTTLLKLGYHFELAGPRMTVTNLLSRNMDKQRQKRLQEQRQAQEAKG EKKDLLEVPKAGAVAKGSPKPSPQPSPKPSPKNSPKKGGAPAAPPPPPPLAPPLIMENLKNSLSPATQR KMGDKVLPAQEKNSRDQLLAAIRSSNLKQLKKVEVPKLLQ **TRTRPL**EQKLISEEDLAANDILDYKDDDDKV Tag: C-Myc/DDK Predicted MW: 66.8 kDa **Concentration:** $>0.05 \mu g/\mu L$ as determined by microplate BCA method > 80% as determined by SDS-PAGE and Coomassie blue staining **Purity: 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.



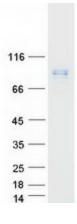
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### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

	LMOD1 (NM_012134) Human Recombinant Protein – TP309941M
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:	<u>NP 036266</u>
Locus ID:	25802
UniProt ID:	<u>P29536</u>
RefSeq Size:	3967
Cytogenetics:	1q32.1
RefSeq ORF:	1800
Synonyms:	1D; 64kD; D1; MMIHS3; SM-LMOD; SMLMOD
Summary:	The leiomodin 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 leiomodin 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]).

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