

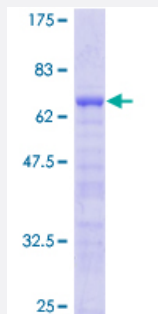
Full-Length

LMOD1 (Human) Recombinant Protein (P01)

Catalog # H00025802-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LMOD1 full-length ORF (AAH01755, 1 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEELEKELDVVDPDGSVPVGLRQRNQTEKQSTGVYNREAMLNFCETKTKLMQREMSMDESK
QVETKTDANKGEERGRDASKKALGPRRDSDLGKEPKRGGLKKSFSRDRDEAGGKSGEKPKEE
KIIRGIDKGRVRAAVDKKEAGKDGRGEERAVATKKEEEKGSDRNTGLSRDKDKKREEMKEVAK
KEDDEKVKGGAAPPPPPPLAPPLIMENLKNLSLATQRKMGDKVLPAQEKNSRDQLLAIR
SSNLKQLKKVEVPKLLQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.33

Interspecies Antigen Sequence

Mouse (83); Rat (79)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LMOD1

Entrez GeneID[25802](#)**GeneBank Accession#**[BC001755](#)**Protein Accession#**[AAH01755](#)**Gene Name**

LMOD1

Gene Alias

1D, 64kD, D1, FLJ55689, SM-LMOD

Gene Description

leiomodin 1 (smooth muscle)

Omim ID[602715](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

leiomodin 1 (smooth muscle)|thyroid and eye muscle autoantigen D1 (64kD)

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)
- [Werner syndrome](#)