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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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LGMN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005641-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

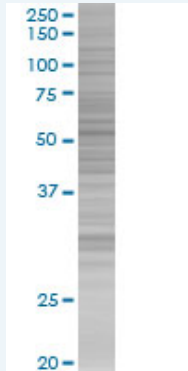
Plasmid: pCMV-LGMN full-length

Host: Human

Theoretical MW (kDa): 47.74

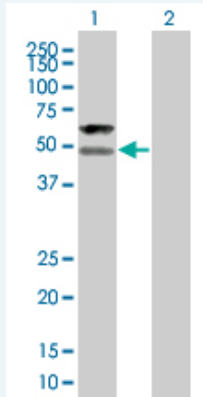
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-LGMN antibody (H00005641-B01) by Western Blots.

SDS-PAGE Gel



LGMN transfected lysate.

Western Blot



Lane 1: LGMN transfected lysate (47.74 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

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

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [5641](#)

GeneBank Accession#: [NM_001008530.1](#)

Protein Accession#: -

Gene Name: LGMN

Gene Alias: AEP,LGMN1,PRSC1

Gene Description: legumain

Omim ID: [602620](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a cysteine protease that has a strict specificity for hydrolysis of asparaginyl bonds. This enzyme may be involved in the processing of bacterial peptides and endogenous proteins for MHC class II presentation in the lysosomal/endosomal systems. Enzyme activation is triggered by acidic pH and appears to be autocatalytic. Protein expression occurs after monocytes differentiate into dendritic cells. A fully mature, active enzyme is produced following lipopolysaccharide expression in mature dendritic cells. Overexpression of this gene may be associated with the majority of solid tumor types. This gene has a pseudogene on chromosome 13. Several alternatively spliced transcript variants have been described, but the biological validity of only two has been determined. These two variants encode the same isoform. [provided by RefSeq]

Other Designations: asparaginyl endopeptidase,cysteine protease 1,protease, cysteine, 1 (legumain)

Gene Pathway

[Antigen processing and presentation Lysosome](#)

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