

Recombinant Human LIMA1 293 Cell Lysate

Cat. No. LIMA1-4742HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for LIM domain and actin binding 1 (LIMA1), transcript variant b is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

LIMA1 LIM domain and actin binding 1 [Homo sapiens]

Official Symbol

LIMA1

Synonyms

LIMA1; LIM domain and actin binding 1; LIM domain and actin-binding protein 1; epithelial protein lost in neoplasm beta; EPLIN; 1110021C24Rik; sterol regulatory element binding protein 3; SREBP3; FLJ38853; MGC131726;

Gene ID

51474

mRNA Refseq

NM_001113547

Protein Refseq

NP_001107019

MIM

608364

UniProt ID

Q9UHB6

**Chromosome
Location**

12q13.12

Pathway

Stabilization and expansion of the E-cadherin adherens junction, organism-specific biosystem;

Function

actin filament binding; actin monomer binding; metal ion binding; zinc ion binding;

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