

Recombinant Full Length Human LIMA1 Protein, GST-tagged

Cat. No. LIMA1-4691HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EPLIN full-length ORF (AAH01247, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	598 amino acids
Description	This gene encodes a cytoskeleton-associated protein that inhibits actin filament depolymerization and cross-links filaments in bundles. It is downregulated in some cancer cell lines. Alternatively spliced transcript variants encoding different isoforms have been described for this gene, and expression of some of the variants maybe independently regulated. [provided by RefSeq, Aug 2011]
Molecular Mass	91.52 kDa
AA Sequence	MENCLGESRHEVEKSEISENTDASGKIEKYNVPLNRLKMMFEKGPEPTQTKILRAQSR SASGRKISENSYSLDDLEIGPGQLSSSTFDSEKNESRRNLELPRLSETSIKDRMAKY QAAVSKQSSSTNYTNELKASGGEIKIHKMEQKENVPPGPPEVCITHQEGEKISANENS LAVRSTPAEDDSRDSQVKSEVQQPVHPKPLSPDSRASSLSESSPPKAMKFQAPARE TCVECQKTVYPMERLLANQQVFHISCFRCSYCNKLSLGTASYLHGRIYCKPHFNQL FKSKGNYDEGFGHRPHKDLWASKNENEEILERPAQLANARETPHSPGVEDAPIAKV GVLAASMEAKASSQQEKEDKPAETKKLRIAWPPPTLGGSSGSALEEGIKMSKPKWP PEDEISKPEVPEDVDLDLKKLRRSSSLKERSRPFTVAASFQSTSVKSPKTVSPPIRKG

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WSMSEQSEESVGGRVAERKQVENAKASKKNGNVGKTTWQNKESKGETGKRSKE
GHSLEMENENLVENGADSDDDNSFLKQQSPQEPKSLNWSSFVDNTFAEEFTTQN
QKSQDVELWEGEVVKELSVEEQIKRNRYYDEDEDEE

Applications

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

Notes

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

Storage

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

Storage Buffer

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

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

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MIM	608364
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UniProt ID	Q9UHB6
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