

Recombinant Human Lck interacting transmembrane adaptor 1, His-tagged

Cat. No. LIME1-323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LIME1, 28-295aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	28-295 a.a.
Description	Lck-interacting transmembrane adapter 1 precursor, also known as LIME1, was previously characterized as a transmembrane adaptor protein mediating TCR-dependent T cell activation. LIME1 becomes tyrosine phosphorylated after cross-linking of the CD4 or CD8 coreceptors. Phospho-LIME1 associates with the Src family kinase Lck and its negative regulator, Csk. Recombinant human LIME1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	30.8 kDa (291aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGCTACRRP EDAVAPRKRA RRQRLRLQGS ATAAEASLLR RTHLCSLSKS DTRLHELHRG PRSSRALRPA SMDLLRPHWL EVS RDITGPQ AAPSAFPHQE LPRALPAAAA TAGCAGLEAT YSNVGLAALP GVSLAASPVV AEYARVQKRK GTHRSPQEPQ QGKTEVTPAA QVDVLYSRVC KPKRRDPGPT TDPLDPKGQG AILALAGDLA YQTLPLRALD VDSGPLENVY

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ESIRELGDPA GRSSTCGAGT PPASSCPSLG RGWRPLPASL P

Purity >80% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [LIME1 Lck interacting transmembrane adaptor 1 \[Homo sapiens \]](#)

Official Symbol LIME1

Synonyms LIME1; Lck interacting transmembrane adaptor 1; lck-interacting transmembrane adapter 1; dJ583P15.4; FLJ20406; LIME; lck-interacting molecule; lck-interacting membrane protein; LP8067; RP4-583P15.5;

Gene ID [54923](#)

mRNA Refseq [NM_017806](#)

Protein Refseq [NP_060276](#)

MIM [609809](#)

UniProt ID [Q9H400](#)

Chromosome Location 20q13.33

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Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;
Function	growth factor receptor binding; protein kinase binding;

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