

Lymphocyte Cytosolic Protein 1 Recombinant Protein | LCP1 recombinant protein

Recombinant Lymphocyte Cytosolic Protein 1 (LCP1)

CATALOG # AAA143987	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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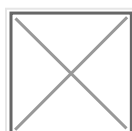
PRODUCT SYNONYMS

Lymphocyte Cytosolic Protein 1; Recombinant Lymphocyte Cytosolic Protein 1 (LCP1); LCP1 recombinant protein

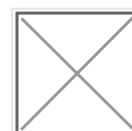
PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags. His-tag and T7-tag. The sequence is listed below. SVSDEEM ELREAFKVD TDGNGYISFN ELNDLFKAAC LPLPGYRVRE ITENLMATGD LDQDGRISFD EFIKIFHGLK STDVAKTRK AINKKEGICA IGGTSEQSSV GTQHSYSEEE KYAFVNWINK ALENDPDCRH VIPMNPNTND LFNAVGDGIV LCKMINLSVP DTIDERTINK KKLTPFTIQE NLNLALNSAS AIGCHVNVIG AEDLKEGKPY LVLGLLWQVI K
Sequence Length	627
Applicable Applications for LCP1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	29.1kDa
Accurate Molecular Mass (KD)	29kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Homo sapiens (Human)
Fragment	Ser5~Lys233
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	119629163
NCBI GeneID	3936
Molecular Weight	21,792 Da
NCBI Official Full Name	lymphocyte cytosolic protein 1 (L-plastin), isoform CRA_a
NCBI Official Synonym Full Names	lymphocyte cytosolic protein 1 (L-plastin)
NCBI Official Symbol	LCP1
NCBI Official Synonym Symbols	LPL; CP64; PLS2; LC64P; HEL-S-37; L-PLASTIN
NCBI Protein Information	plastin-2
UniProt Protein Name	Plastin-2
UniProt Gene Name	LCP1
UniProt Synonym Gene Names	PLS2; LCP-1
UniProt Entry Name	PLSL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lcp1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/143987>