

Recombinant Human LCP1 Protein (2-627 aa), His-tagged

Cat. No. LCP1-2800H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCP1 Protein (2-627 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Insect Cells
ProteinLength	2-627 aa
Description	Actin-binding protein. Plays a role in the activation of T-cells in response to costimulation through TCR/CD3 and CD2 or CD28. Modulates the cell surface expression of IL2RA/CD25 and CD69.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	72.7 kDa
AA Sequence	ARGSVSDEEMMELREAFKVDTDGNGYISFNELNDLFKAACPLPGYRVREITENLM ATGDLQDGRISFDEFIKIFHGLKSTDVAKTFRKAINKKEGICAIGGTSEQSSVGTQHS YSEEEKYAFVNWINKALENDPDCRHVPMNPNTNDFNAVGDGIVLCKMINLSVPDTI DERTINKKKLTPTIQENLNLALNSASAIGCHVVNIGAEDLKEGKPYLVGLLWQVIKI GLFADIELSRNEALIALREGESLEDLMKLSPEELLRWANYHLENAGCNKIGNFSTDI KDSKAYYHLLEQVAPKGDEEGVPAVVIDMSGLREKDDIQRAECMLQQAERLGCRCQF VTATDVVRGNPKLNLAFLANLFNRYPALHKPENQDIDWGALEGETREERTFRNWMN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SLGVNPRVNHLYSDLSDALVIFQLYEKIKVPVDWNRVKNPPYPKLGGNMKKLENCN
YAVELGKNQAKFSLVGIGGGQDLNEGNRTLTLALIWQLMRRYTLNILEEIGGGQKVND
DIIVNWWNETLREAKKSSSISSEKDPKISTSLPVLDLIDAIQPGSINYDLLKTENLNDDE
KLNNAKYAISMARKIGARVYALPEDLVEVNPKMVMVTFACLMGKGMKRV

Purity > 85% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name LCP1 lymphocyte cytosolic protein 1 (L-plastin) [Homo sapiens]

Official Symbol LCP1

Synonyms LCP1; plastin-2; CP64; L PLASTIN; LC64P; plastin 2; PLS2; LCP-1; LPL; L-PLASTIN; FLJ25423; FLJ26114; FLJ39956; DKFZp781A23186;

Gene ID 3936

mRNA Refseq NM_002298

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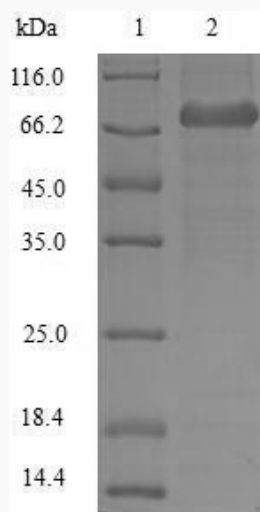
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Protein Refseq [NP_002289](#)

MIM [153430](#)

UniProt ID [P13796](#)



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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