

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

Cat. No. LCP1-1439H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCP1 Protein (2-627 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
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	72.2 kDa
AA Sequence	ARGSVSDEEMMELREAFKVDTDGNGYISFNELNDLFKAACLPLPGYRVREITENLM ATGDLQDGRISFDEFIKIFHGLKSTDVAKTFRKAINKKEGICAIGGTSEQSSVGTQHS YSEEEKYAFVNWINKALENDPDCRHVIPMNPNTNDFNAVGDGIVLCKMINLSVPDTI DERTINKKKLTPTIQENLNLALNSASAIGCHVVNIGAEDLKEGKPYLVLGLLWQVIKI GLFADIELSRNEALIALREGESLEDLMKLSPEELLLRWANYHLENAGCNKIGNFSTDI KDSKAYYHLLEQVAPKGDEEGVPAVVIDMSGLEKDDIQRAECMLQQAERLGCRQF VTATDVVRGNPKLNLAFLANLFNRYPALHKPENQDIDWGALEGETREERTFRNWMN

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SLGVNPRVNHLYSDLSDALVIFQLYEKIKVPVDWNRVKNPPYPKLGGNMKKLENCN
YAVELGKNQAKFSLVGIGGGQDLNEGNRTLTLALIWQLMRRYTLNILEEIGGGQKVND
DIIVNWWNETLREAKKSSSISFKDPKISTSLPVLIDLIDAIQPGSINYDLLKTENLNDDE
KLNNAKYAISMARKIGARVYALPEDLVEVNPKMVMVTFACLMGKGMKRV

Purity > 90% 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 with reconstitution instruction is sent along with the products.

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](#)

Protein Refseq [NP_002289](#)

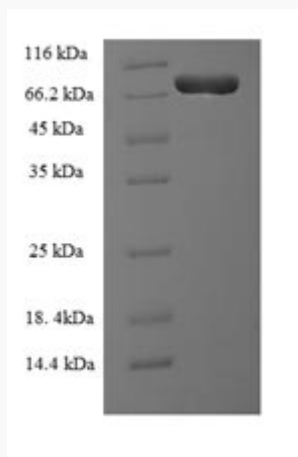
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MIM 153430

UniProt ID P13796



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

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