Recombinant Human LCP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LCP1-4611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LCP1 MS Standard C13 and N15-labeled recombinant protein (NP_002289) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). However, L-plastin has been found in many types of malignant human cells of non-hemopoietic origin suggesting that its expression is induced accompanying tumorigenesis in solid tissues.
Molecular Mass	70.3 kDa
AA Sequence	MARGSVSDEEMMELREAFAKVDTDGNGYISFNELNDLFKAACLPLPGYRVREITENL MATGDLDQDGRISFDEFIKIFHGLKSTDVAKTFRKAINKKEGICAIGGTSEQSSVGTQ HSYSEEEKYAFVNWINKALENDPDCRHVIPMNPNTNDLFNAVGDGIVLCKMINLSVP

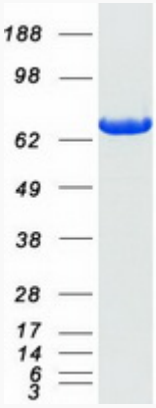
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	DTIDERTINKKKLTPFTIQENLNLALNSASAIGCHVVNIGAEDLKEGKPYLVLGLLWQVI KIGLFADIELSRNEALIALLREGESLEDLMKLSPEELLLRWANYHLENAGCNKIGNFST DIKDSKAYYHLLEQVAPKGDEEGVPAVVIDMSGLREKDDIQRAECMLQQAERLGCR QFVTATDVVRGNPKLNLAFIANLFNRYPALHKPENQDIDWGALEGETREERTFRNW MNSLGVNPRVNHLYSDLSDALVIFQLYEKIKVPVDWNRVNKPPYPKLGGNMKKLEN CNYAVELGKNQAKFSLVGIGGQDLNEGNRTLTLALIWQLMRRYTLNILEEIGGGQKV NDDIIVNWVNETLREAEKSSSISSFKDPKISTSLPVLDLIDAIQPGSINYDLLKTENLND DEKLNNAKYAISMARKIGARVYALPEDLVEVNPKMVMTVFACLMGKGMKRVTRTRP LEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	LCP1 lymphocyte cytosolic protein 1 [Homo sapiens (human)]
Official Symbol	LCP1
Synonyms	LCP1; lymphocyte cytosolic protein 1 (L-plastin); plastin-2; CP64; L PLASTIN; LC64P; plastin 2; PLS2; LCP-1; Lymphocyte cytosolic protein-1 (plasmin); bA139H14.1 (lymphocyte cytosolic protein 1 (L-plastin)); L-plastin (Lymphocyte cytosolic protein 1) (LCP-1) (LC64P); LPL; L-PLASTIN; FLJ25423; FLJ26114; FLJ39956;

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

	DKFZp781A23186;
Gene ID	3936
mRNA Refseq	NM_002298
Protein Refseq	NP_002289
MIM	153430
UniProt ID	P13796
SDS-PAGE	

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