



Recombinant Human Plastin-2 (LCP1)

Product Code	CSB-EP012824HU-B
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P13796
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p> ARGSVSDEEMMELREAFKVDTDGNGYISFNELNDFKAAACLPLPGYRVREIT ENLMATGDLDDQGRISFDEFIKIFHGLKSTDVAKTFRKAINKKEGICAIGGTSEQ SSVGTTQHSYSEEEKYAFVNWINKALENDPDCRHVIPMNPNTNDFNAVGDGIV LCKMINLSVPDTIDERTINKKLTPTFTIQENLNLALNSASAIGCHVVNIGAEDLKE GKPYLVLGLLWQVIKIGLFADIELSRNEALIALLRREGESLEDLMKLSPEELLRW ANYHLENAGCNKIGNFSTDIKDSKAYYHLLQVAPKGDDEEGVPAVVIDMSGRLR EKDDIQRAECMLQQAERLGCGRQFVTATDVVRGNPKLNLFIANLFNRYPALHKP ENQDIDWGALEGETREERTFRNWMNSLGVNPRVNHLYSDLSDALVIFQLYEKI KVPVDWNRVKNPPYPKLGGMKLENCNYAVELGKNQAKFSLVGIGGQDLN EGNRTLTLALIWQLMRRYTLNILEEIGGGQKVNDIIVNWNVNETLREAKKSSSIS SFKDPKISTSLPVLIDLIDAIQPGSINYDLLKTENLNDDKLNNAKYAISMARIGI RYVALPEDLVEVNPKMVMVTFACLMGKGMKRV </p>
Research Area	Cancer
Source	E.coli
Target Names	LCP1
Protein Names	Recommended name: Plastin-2 Alternative name(s): L-plastin LC64P Lymphocyte cytosolic protein 1 Short name= LCP-1
Expression Region	2-627aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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