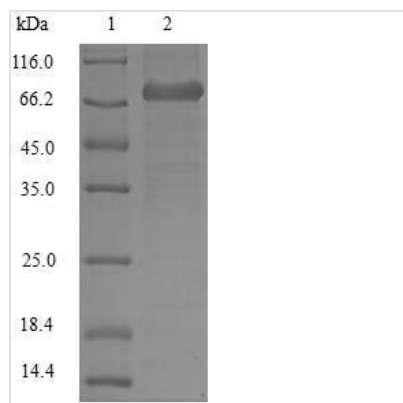




Recombinant Human Plastin-2 (LCP1)

Product Code	CSB-BP012824HU
Relevance	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.
Abbreviation	Recombinant Human LCP1 protein
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	Greater than 85% as determined by SDS-PAGE.
Sequence	ARGSVSDEEMMELREAFKVDTDGNGYISFNELNDLFKAACLPLPGYRVREIT ENLMATGDLQDGRISFDEFIKIFHGLKSTDVAKTFRKAINKKEGICAIGGTSEQ SSVGTTQHSYSEEEKYAFVNWINKALENDPDCRHVPMNPNTNDLFINAVGDDGIV LCKMINLSVPDTIDERTINKKKLTPFTIQENLNLALNSASAIGCHVVNIGAEDLKE GKPYLVLGLLWQVIKIGLFADIELSRNEALIALREGESLEDLMKLSPEELLRW ANYHLENAGCNKIGNFSTDIDKSKAYYHLLQVAPKGDEEGVPAVVIDMSGRLR EKDDIQRAECMLQQAERLGCRQFVTATDVVRGNPKLNLAFLANLFNRYPALHK PENQDIDWGALEGETREERTFRNWMNSLGVNPRVNHLYSDLSDALVIFQLYE KIKVPVDWNRVKNPPYPKLGGNMKKLENCNYAVELGKNQAKFSLVGIGGQDL NEGNRTLTLALIWLQLMRRYTLNILEEIGGGQKVNDDIIVNWVNETLREAKKSSSI SSFKDPKISTSLPVLDLIDAIQPGSINYDLLKTENLNDDEKLNNAKYAISMARKIG ARVYALPEDLVEVNPKNMVMVTFACLMGKGMKRV
Research Area	others
Source	Baculovirus
Target Names	LCP1
Protein Names	L-plastin LC64P Lymphocyte cytosolic protein 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	N-terminal 10xHis-tagged
Mol. Weight	72.7kDa
Protein Length	Full Length of Mature Protein
Image	



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

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

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.