



# Recombinant Mouse Plastin-2 (Lcp1)

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| <b>Product Code</b>      | CSB-BP717205MO   |
| <b>Abbreviation</b>      | Lcp1   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q61233   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Mus musculus (Mouse)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | <p>           ARGSVSDEE MMELREAFKA VDTDGNGYIS CNELNDFKA ACLPLPGYRV<br/>           REITENLMAT GDLQDQDKIS FDEFIKVFHG LKSTEVAKTF RKAINKKEGI<br/>           CAIGGTSEQS SVGTQHSYSE EEKYAFVNWI NKALENDPDC RHVIPMNPNT<br/>           DDLFNAVGDG IVLCKMINLS VPDTIDERTI NKKKLTPTFTI QENLNLALNS<br/>           ASAIGCHVVN IGAEDLKEGK PYLVLGLLWQ VIKIGLFADI ELSRNEALIA<br/>           LLREGESLED LMKLSPEELL LRWANYHLEN AGCTKITNFS TDIKDSKAYY<br/>           HLLQVAPKG DEEGIPAVVI DMSGLREKDD IQRAECMLQQ AERLGCQRQFV<br/>           TATDVVRGNP KLNLAFIANL FNKYPALHKP ENQDIDWGAL EGETREERTF<br/>           RNWMNSLGVN PRVNHLYSDL SDALVIFQLY EKIKVPVDWN RVNKPPYPKL<br/>           GGNMKKLENC NYAVDLGKNQ AKFSLVGIAG QDLNEGNRTL TLALVWQLMR<br/>           RYTLNILEDI GGGQKVNDI IVNWWNTTLK EAQKSSSIAS FKDPKISTSL<br/>           PVLDLIDAIQ PGSINYDLLK TENLDDEEKL NNAKYAISMA RKIGARVYAL<br/>           PEDLVEVNPV MVMTVFACLM GKGMKRV         </p> |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | Lcp1   |
| <b>Protein Names</b>     | Recommended name: Plastin-2 Alternative name(s): 65 kDa macrophage protein L-plastin Lymphocyte cytosolic protein 1 Short name= LCP-1 pp65   |
| <b>Expression Region</b> | 2-627  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full Length of Mature Protein  |
| <b>Target Details</b>    | 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.

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**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.

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**Shelf Life**

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