



# Recombinant Mouse Plastin-2 (Lcp1)

<b>Product Code</b>	CSB-YP717205MO
<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. 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            REITENLMAT GDLQDQDKIS FDEFIKVFHG LKSTEVAKTF RKAINKKEGI            CAIGGTSEQS SVGTQHSYSE EEKYAFVNWI NKALENDPDC RHVIPMNPNT            DDLFNAVGDG IVLCKMINLS VPDTIDERTI NKKKLTPTFTI QENLNLALNS            ASAIGCHVVN IGAEDLKEGK PYLVLGLLWQ VIKIGLFADI ELSRNEALIA            LLREGESLED LMKLSPEELL LRWANYHLEN AGCTKITNFS TDIKDSKAYY            HLEQVAPKG DEEGIPAVVI DMSGLREKDD IQRAECMLQQ AERLGCRQFV            TATDVVRGNP KLNLAFIANL FNKYPALHKP ENQDIDWGAL EGETREERTF            RNWMNSLGVN PRVNHLYSDL SDALVIFQLY EKIKVPVDWN RVNKPPYPKL            GGNMKKLENC NYAVDLGKNQ AKFSLVGIAG QDLNEGNRTL TLALVWQLMR            RYTLNILEDI GGGQKVNDI IVNWWNTTLK EAQKSSSIAS FKDPKISTSL            PVLDLIDAIQ PGSINYDLLK TENLDDEEKL NNAKYAISMA RKIGARVYAL            PEDLVEVNPV MVMTVFACLM GKGMKRV         </p>
<b>Source</b>	Yeast
<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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