



# Recombinant Human Plastin-1 (PLS1)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-MP623928HU   |
| <b>Abbreviation</b>      | PLS1   |
| <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>       | Q14651   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MENSTTTISR EELEELQEAF NKIDIDNSGY VSDYELQDLF KEASLPLPGY<br>KVREIVEKIL SVADSNKDGK ISFEEFVSLM QELKSKDISK TFRKIINKRE<br>GITAIGGTST ISSEGTQHSY SEEEKVAFVN WINKALENDP DCKHLIPMNP<br>NDDSLFKSLA DGILLCKMIN LSEPDTIDER AINKKKLTPF TISENLNLA<br>NSASAIGCTV VNIGASDLKE GKPHLVGLL WQIIKVGLFA DIEISRNEAL<br>IALLNEGEEL EELMKLSPEE LLLRWVNYHL TNAGWHTISN FSQDIKDSRA<br>YFHLLNQIAP KGGEDGPAIA IDLSGINETN DLKRAGLMLQ EADKLGCKQF<br>VTPADVVSNGN PKLNLAFFAN LFNTYPCLHK PNNNDIDMNL LEGESKEERT<br>FRNWMNSLGV NPYINHLYSD LADALVIFQL YEMIRVPVNW SHVKNPPYPA<br>LGGNMKKIEN CNYAVELGKN KAKFSLVGIA GQDLNEGNST LTLALVWQLM<br>RRYTLNVLSL LGEGEKVNDE IIKWVNQTL KSANKKTSIS SFKDKSISTS<br>LPVLDLIDAI APNAVRQEMI RRENLSDEDK LNNAKYAISV ARKIGARIYA<br>LPDDLVEVKP KVMVMTVFAFL MGKGLNRIK |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | PLS1   |
| <b>Protein Names</b>     | Recommended name: Plastin-1 Alternative name(s): Intestine-specific plastin<br>Short name= I-plastin   |
| <b>Expression Region</b> | 1-629  |
| <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 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. This protein is a third distinct plastin isoform, which is specifically expressed at high levels in the small intestine. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene.   |
| <b>Reconstitution</b>    | 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.