



Recombinant Human Plastin-1 (PLS1)

Product Code	CSB-YP623928HU
Abbreviation	PLS1
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.	Q14651
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MENSTTTISR EELEELQEAF NKIDIDNSGY VSDYELQDLF KEASLPLPGY KVREIVEKIL SVADSNKDGK ISFEFVSLM QELKSKDISK TFRKIINKRE GITAIGGTST ISSEGTQHSY SSEEKVAFVN WINKALENDP DCKHLIPMNP NDDSLFKSLA DGILLCKMIN LSEPDTIDER AINKKKLTPF TISENLNLAL NSASAIGCTV VNIGASDLKE GKPHLVGLL WQIIKVGLFA DIEISRNEAL IALLNEGEEL EELMKLSPEE LLLRWVNYHL TNAGWHTISN FSQDIKDSRA YFHLLNQIAP KGGEDGPAIA IDLSGINETN DLKRAGLMLQ EADKLGCKQF VTPADVVSNGN PKLNLAFFAN LFNTYPCLHK PNNNDIDMNL LEGESKEERT FRNWMNSLGV NPYINHLYSD LADALVIFQL YEMIRVPVNW SHVKNPPYPA LGGNMKKIEN CNYAVELGKN KAKFSLVGIA GQDLNEGNST LTLALVWQLM RRYTLNVLSD LGEGEKVNDE IIKWVNQTL KSANKKTSIS SFKDKSISTS LPVLDLIDAI APNAVRQEMI RRENLSDEDK LNNAKYAISV ARKIGARIYA LPDDLVEVKP KVMVMTVFAFL MGKGLNRIK
Source	Yeast
Target Names	PLS1
Protein Names	Recommended name: Plastin-1 Alternative name(s): Intestine-specific plastin Short name= I-plastin
Expression Region	1-629
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 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. 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.
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.