



# Recombinant Human Urokinase plasminogen activator surface receptor (PLAUR)

<b>Product Code</b>	CSB-BP018122HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q03405
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	LRCMQCKT NGDCRVEECA LGQDLCRTTI VRLWEEGEEL ELVEKSCTHS EKTNRRTLSYR TGLKITSLTE VVCGLDLCNQ GNSGRAVTYS RSRYLECISC GSSDMSCERG RHQSLQCRSP EEQCLDVVTH WIQEGEEGRP KDDRHLRGCG YLPGCPGSNG FHNNDTFHFL KCCNTTKCNE GPILELENLP QNGRQCYSCK GNSTHGSSE ETFLIDCRGP MNQCLVATGT HEPKNQSYMV RGCATASMCO HAHLGDAFSM NHIDVSCCTK SGCNHPDLDV QYRSG
<b>Source</b>	Baculovirus
<b>Target Names</b>	PLAUR
<b>Protein Names</b>	Recommended name: Urokinase plasminogen activator surface receptor Short name= U-PAR Short name= uPAR Alternative name(s): Monocyte activation antigen Mo3 CD_antigen= CD87
<b>Expression Region</b>	23-305
<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>	This gene encodes the receptor for urokinase plasminogen activator and, given its role in localizing and promoting plasmin formation, likely influences many normal and pathological processes related to cell-surface plasminogen activation and localized degradation of the extracellular matrix. It binds both the proprotein and mature forms of urokinase plasminogen activator and permits the activation of the receptor-bound pro-enzyme by plasmin. The protein lacks transmembrane or cytoplasmic domains and may be anchored to the plasma membrane by a glycosyl-phosphatidylinositol (GPI) moiety following cleavage of the nascent polypeptide near its carboxy-terminus. However, a soluble protein is also produced in some cell types. Alternative splicing results in multiple transcript variants encoding different isoforms. The proprotein experiences several post-translational cleavage reactions that have not yet been fully defined.
<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.

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**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.