



Recombinant Human Plasminogen (PLG)

Product Code	CSB-EP018188HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P00747
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>E PLDDYVNTQG ASLFSVTKKQ LGAGSIEECA AKCEEDEEFT CRAFQYHSKE QQCHEMAENR KSSIIIRMRD VVLFKVKVYL SECKTGNGKN YRGTMSTKN GITCQKWSST SPHRPRFSPA THPSEGLEEN YCRNPDNDPQ GPWCYTTDPE KRYDYCDILE CEEECMHCSG ENYDGKISKT MSGLECAWD SQSPHAHGYI PSKFPNKNLK KNYCRNPDR LRPWCFTTDP NKRWELCDIP RCTTPPPSSG PTYQCLKGTG ENYRGNVAVT VSGHTCQHWS AQTPTHNRT PENFPCKNLD ENYCRNPDGK RAPWCHTTNS QVRWEYCKIP SCDSSPVSTE QLAPTAPPEL TPVVQDCYHG DGQSYRGTSS TTTTGKKCQS WSSMTPHRHQ KTPENYPNAG LTMNYCRNPD ADKGPWCFTT DPSVRWEYCN LKKCSGTEAS VVAPPPVLL PDVETPSEED CMFGNGKGYR GKRAVTVTGT PCQDWAQEP HRHSIFTPET NPRAGLEKNY CRNPDGDVGG PWCYTTNPRK LYDYCDVPQC AAPSFDGKPK QVEPKKCPGR VVGCVVAHPH SWPWQVSLRT RFGMHFCGGT LISPEWVLT AHCLEKSPRP SSKVILGAH QEVNLEPHVQ EIEVSRLFLE PTRKDIALLK LSSPAVITDK VIPACLPSPN YVADRTECF ITGWGETQGT FGAGLLKEAQ LPVIENKVCN RYEFNGRVQ STELCAGHLA GGTDCQGDS GGPLVCFEKD KYILQGVTSW GLGCARPKNK GYVVRVSRFV TWIEGVMRNN</p>
Source	E.coli
Target Names	PLG
Protein Names	Recommended name: Plasminogen EC= 3.4.21.7 Cleaved into the following 5 chains: 1. Plasmin heavy chain A 2. Activation peptide 3. Angiostatin 4. Plasmin heavy chain A, short form 5. Plasmin light chain B
Expression Region	20-810
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 of Mature Protein
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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.