



# Recombinant Mouse Plasminogen (Plg)

<b>Product Code</b>	CSB-MP018188MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P20918
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>D SLDGYISTQG ASLFSLTKKQ LAAGGVSDCL AKCEGETDFV CRSFQYHSKE            QQCVIMAENS KTSSIIRMRD VILFEKRVYL SECKTGIGNG YRGTMSTRKS            GVACQKWGAT FPHVPNYSPS THPNEGLEEN YCRNPDNDEQ            GPWCYTTPDP KRYDYCNIFE CEEECMYCSG EKYEGKISKT MSGLDCQAWD            SQSPHAHGYI PAKFPSKNLK MNYCRNPDGE PRPWCFTTDP TKRWEYCDIP            RCTTPPPPPS PTYQCLKGRG ENYRGTVSVT VSGKTCQRWS            EQTPHRHNRT PENFPCKNLE ENYCRNPDGE TAPWCYTTPDS QLRWEYCEIP            SCESSASPDQ SDSSVPPEEQ TPVVQECYQS DGQSYRGTS TTITGKKCQS            WAAMFPHRHS KTPENFPDAG LEMNYCRNPD GDKGPWCYTT            DPSVRWEYCN LKRCSETGGS VVELPTVSQE PSGPSDSETD            CMYGNKDYR GKTAVTAAGT PCQGWAQEP HRHSIFTPQT            NPRAGLEKNY CRNPDGDVNG PWCYTTPNPRK LYDYCDIPLC ASASSFECGK            PQVEPKKCPG RVVGGCVANP HSWPWQISLR TRFTGQHFCG GTLIAPEWVL            TAAHCLEKSS RPEFYKVLG AHEEYIRGLD VQEISVAKLI LEPNNRDIAL            LKLSRPATIT DKVIPACLPS PNYMVADRTI CYITGWGETQ GTFGAGRLKE            AQLPVIENKV CNRVEYLNNR VKSTELCAGQ LAGGVDSCQG DSGGPLVCFE            KDKYILQGVV SWGLGCARPV KPGVYVRVSR FVDWIEREMR NN</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Plg
<b>Protein Names</b>	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
<b>Expression Region</b>	20-812
<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>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.
<b>Shelf Life</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.