



# Recombinant Rat Plasminogen (Plg)

<b>Product Code</b>	CSB-YP018188RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q01177
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	D SLDGYVSTQG ASLHSLTKKQ LAAGSIADCL AKCEGETDFI CRSFQYHSKE QQCVIMAENS KTSSIIRMRD VILFEKRVYL SECKTGIGKG YRGTMSTKTK GVTCQKWSDT SPHVPKYSPTS THPSEGLEEN YCRNPDNDEQ GPWCYTTPDP QRYEYCNIFE CEEECMYCSG EKYEGKISKT MSGLCDQSWD SQSPHAHGYI PAKFPSKNLK MNYCRNPDGE PRPWCFTTDP NKRWEYCDIP RCTTPPPPPG PTYQCLKGRG ENYRGTVSVT ASGKTCQRWS EQTPHRHNRT PENFPCKNLE ENYCRNPDGE TAPWCYTTPDS QLRWEYCEIP SCGSSVSPDQ SDSSVLPEQT PVVQECYQGN GKSYRGTSST TNTGKKCQSW VSMTPHSHSK TPANFPDAGL EMNYCRNPDN DQRGPWCFTT DPSVRWEYCN LKRCSETGGG VAESAIVPQV PSAPGTSETD CMYGNGKEYR GKTAVTAAGT PCQEWAQEP HSHRIFTPQT NPRAGLEKNY CRNPDGDVNG PWCYTMNPRK LYDYCNIPLC ASLSSFECGK PQVEPKKCPG RVVGGCVANP HSWPWQISLR TRFSGQHFCG GTLISPEWVL TAAHCLEKSS RPEFYKVILG AHEERILGSD VQQIAVTKLV LEPNDADIAL LKLSRPATIT DNVIPA CLPS PNYVVADRTL CYITGWGETK GTPGAGRLKE AQLPVIENKV CNRAEYLNLR VKSTELCAGH LAGGIDSCQG DSGGPLVCFE KDKYILQGVV SWGLGCARPV KPGVYVRSR YVNWIEREMR ND
<b>Source</b>	Yeast
<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.



## 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.