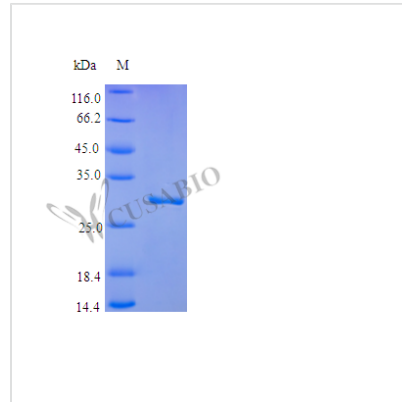




Recombinant Human Plasminogen protein (PLG), partial (Active)

Product Code	CSB-AP002261HU
Abbreviation	Recombinant Human PLG protein, partial (Active)
Uniprot No.	P00747
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM NaAc, pH 5.5, 4 % mannitol
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The specific activity determined by an assay on anti-proliferation and anti-migration using endothelial cells in vitro and anti-angiogenesis in vivo is 5.5x10 ⁵ IU/mg.
Purity	≥95% as determined by SDS-PAGE.
Sequence	VYLSECKTGN GKNYRGTMSK TKNGITCQKW SSTSPHRPRF SPATHPSEGL EENYCRNP DN DPQGPWCYTT DPEKRYDYCD ILECEEECMH CSGENYDGKI SKTMSGLECQ AWDSQSPPAH GYIPSKFPNK NLKKNYCRNP DREL RPWCFT TDPNKRWELC DIPRCTTPPP SSGPTYQCLK GTGENYRGNV AVTVSGHTCQ HWSAQTPH TH NRTPENFPCK NLDENYCRNP DGKRAPWCHT TNSQVRWEYC KIPSCDSSP
Research Area	Cancer
Source	E.coli
Target Names	PLG
Expression Region	98-356aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	29.7 kDa
Protein Length	Partial
PubMed ID	2318848; 3030813; 14574404; 15489334; 122932; 6148961; 126863; 142009; 4694729; 4240117; 6919539; 6094526; 9201958; 3356193; 9102401; 9054441; 7525077; 9102221; 9548733; 10077593; 10889192; 14699093; 16043488; 18780401; 2143188; 19712047; 24275569; 165714

Image

**Endotoxin**

Less than 1.0 EU/ μ g as determined by LAL method.

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.