



Recombinant Human Plasma serine protease inhibitor (SERPINA5)

Product Code	CSB-EP021061HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P05154
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	EMKKR VEDLHVGATV APSSRRDFTF DLYRALASAA PSQSIFFPV SISMSLAMLS LGAGSSTKMQ ILEGLGLNLQ KSSEKELHRG FQQLQELNQ PRDGFQLSLG NALFTDLVVD LQDTFVSAMK TLYLADTFPT NFRDSAGAMK QINDYVAKQT KGKIVDLLKN LDSNAVIMV NYIFFKAKWE TSFNHKGTE QDFYVTSETV VRVPMMSRED QYHYLLDRNL SCRVVGVPYQ GNATALFILP SEGKMQQVEN GLSEKTLRKW LKMFKKRQLE LYLPKFSIEG SYQLEKVLPS LGISNVFTSH ADLSGISNHS NIQVSEMVHK AVVEVDESGT RAAATGTIF TFRSARLNSQ RLVFNRPFLM FIVDNNILFL GKVNRP
Source	E.coli
Target Names	SERPINA5
Protein Names	Recommended name: Plasma serine protease inhibitor Alternative name(s): Acrosomal serine protease inhibitor Plasminogen activator inhibitor 3 Short name= PAI-3 Short name= PAI3 Protein C inhibitor Short name= PCI S
Expression Region	26-406
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.