



Recombinant Rat Serine protease inhibitor A3K (Serpina3k)

Product Code	CSB-EP361549RA-B
Storage	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.
Uniprot No.	P05545
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	DGILGRDTLP HEDQGKGRQL HSLTLASINT DFTLSLYKKL ALRNPDKNVV FSPLSISAAL AILSLGAKDS TMEEILEVLK FNLTEITEEE IHQGFHLLQ RLSQPEDQAE INTGSALFID KEQPILSEFQ EKTRALYQAE AFVADFKQCN EAKKFINDYV SNQTQGKIAE LFSELDERTS MVLVNYLLFK GKWKVPFNP DTFESEFYLD EKRSVKVPM KIKDLTTPYI RDEELSCSVL ELKYTGNASA LFILPDQGKM QQVESSLQPE TLKKWKDSLRI PRIISELRMP KFSISTDYNL EEVLPELGIR KIFSQQADLS RITGTKNLHV SQVVHKAVLD VDETGTGEGAA ATAVTAALKS LPQTIPLLNFRPRFMLVITD NNGQSVFFMG KVTNPM
Source	E.coli
Target Names	Serpina3k
Protein Names	Recommended name: Serine protease inhibitor A3K Short name= Serpin A3K Alternative name(s): CPI-21 Contrapsin-like protease inhibitor 1 GHR-P63 Growth hormone-regulated proteinase inhibitor Kallikrein-binding protein Sho
Expression Region	21-416
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.