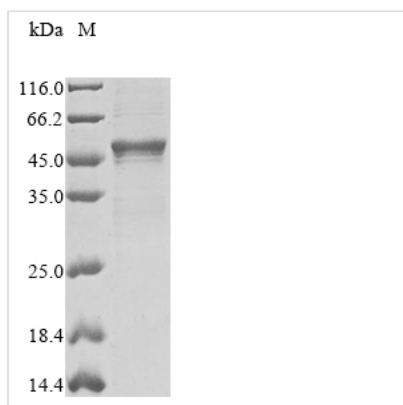




Recombinant Rat Serine protease inhibitor A3K (Serpina3k)

Product Code	CSB-EP361549RA
Abbreviation	Recombinant Rat Serpina3k protein
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
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Proteins
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	DGILGRDTLPHEHQGKGRQLHSLTLASINTDFTLSLYKKLALRNPDKNVVFSPL SISAALAILSLGAKDSTMEEILEVLKFNLTEITEEEIHQGFHLLQRLSQPEDQAE INTGSALFIDKEQPILSEFQEKTRALYQAEAFVADFKQCNEAKKFINDYVSNQT QGKIAELFSELDERTSMVLVNYLLFKGKWKVPFNPNDTFESEFYLDEKRSVKV PMMKIKDLTPYIRDEELSCSVLELKYTGNASALFILPDQGMQVVESSLQPET LKKWKDSLRLPRIISELRMPKFSISTDYNLEEVLPGLGIRKIFSQQADLSRITGTKN LHVSQVVHKAVLDVDETGTGEGAAATAVTAALKSLPQTIPLLNFRPFMLVITDN NGQSVFFMGKVTNPM
Research Area	Others
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	21-416aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	52.0 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.