



Recombinant Human Kallistatin (SERPINA4)

Product Code	CSB-EP021060HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P29622
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	QLHVEHDGES CSNSSHQQIL ETGEGSPSLK IAPANADFAF RFYYLIASET PGKNIFFSPL SISAAYAMLS LGACSHSRSQ ILEGLGFNLT ELSESDVHRG FQHLLHTLNL PGHGLETRVG SALFLSHNLK FLAKFLNDTM AVYEAKLFHT NFYDTVGTIQ LINDHVKKET RGKIVDLVSE LKKDVLMLV NYIYFKALWE KPFISSRTP KDFYVDENTT VRVPMMLQDQ EHHWYLHDRY LPCSVLRMDY KGDATVFFIL PNQGKMREIE EVLTPEMLMR WNNLLRKRNF YKKLELHLPK FSISGSYVLD QILPRLGFTD LFSKWADLSG ITKQQKLEAS KSFHKATLDV DEAGTEAAAA TSFAIKFFSA QTNRHILRFN RPFLVVIFST STQSVLFLGK VVDPTKP
Source	E.coli
Target Names	SERPINA4
Protein Names	Recommended name: Kallistatin Alternative name(s): Kallikrein inhibitor Peptidase inhibitor 4 Short name= PI-4 Serpin A4
Expression Region	21-427
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.