



Recombinant Human Peptidase inhibitor 15 (PI15)

Product Code	CSB-EP017950HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43692
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	YISQNDMIAI LDYHNQVRGK VFPPAANMEY MVWDENLAKS AEAWAATCIW DHGPSYLLRF LGQNLVVRTG RYRSILQLVK PWYDEVKDYA FPYPQDCNPR CPMRCFGPMC THYTQMVWAT SNRIGCAIHT CQNMNVWGSV WRAVYLVGN YAPKGNWIGE APYKVGVPSC SCPPSYGGSC TDNLCFPGVT SNLYWFK
Source	E.coli
Target Names	PI15
Protein Names	Recommended name: Peptidase inhibitor 15 Short name= PI-15 Alternative name(s): 25 kDa trypsin inhibitor Short name= p25TI Cysteine-rich secretory protein 8 Short name= CRISP-8 SugarCrisp
Expression Region	61-258
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
Target Details	This gene encodes a trypsin inhibitor. The protein shares similarity to insect venom allergens, mammalian testis-specific proteins and plant pathogenesis-related proteins. It is frequently expressed in human neuroblastoma and glioblastoma cell lines, and thus may play a role in the central nervous system.
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.