



Recombinant Human Serine protease hepsin (HPN), partial

Product Code	CSB-EP010704HU1-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P05981
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	RSDQEP LYPVQVSSAD ARLMVFDKTE GTWRLLCSSR SNARVAGLSC EEMGFLRALT HSELDVRTAG ANGTSGFFCV DEGRLPHTQR LLEVISVDCD PRGRFLAAIC QDCGRRKLPV DRIVGGRDTS LGRWPWQVSL RYDGAHLCCG SLLSGDWVLT AAHCFPERNR VLSRWRVFAG AVAQASPHGL QLGVQAVVYH GGYLPFRDPN SEENSDIAL VHLSSPLPLT EYIQPVCLPA AGQALVDGKI CTVTGWGNTQ YYGQQAGVLQ EARVPIISND VCNGADFYGN QIKPKMFCA G YPEGGIDACQ GDSGGPFVCE DSISRTPRWR LCGIVSWG TG CALAQKPGVY TKVSDFREWI FQAIKTHSEA SGMVTQL
Source	E.coli
Target Names	HPN
Protein Names	Recommended name: Serine protease hepsin EC= 3.4.21.106 Alternative name(s): Transmembrane protease serine 1 Cleaved into the following 2 chains: 1. Serine protease hepsin non-catalytic chain 2. Serine protease hepsin catalytic chain
Expression Region	45-417
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	Partial
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.