



Recombinant Human Serine protease HTRA1 (HTRA1)

Product Code	CSB-EP835695HU-B
Abbreviation	HTRA1
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.	Q92743
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	QLSRAGRS APLAAGCPDR CEPARCPPQP EHCEGGRARD ACGCCEVCGA PEGAACGLQE GPCGEGQLQCV VPFVGPASAT VRRRAQAGLC VCASSEPVCG SDANTYANLC QLRAASRRSE RLHRPPVIVL QRGACGGQQE DPNSLRHKYN FIADVVEKIA PAVVHIELFR KLPFSKREVP VASGSGFIVS EDGLIVTNAH VVTNKHRVKV ELKNGATYEA KIKDVDEKAD IALIKIDHQQ KLPVLLLGRS SELRPGEFVV AIGSPFSLQN TVTTGIVSTT QRGGKELGLR NSDMDYIQTD AIINYGNSSG PLVNLGDEVI GINTLKVTAG ISFAIPSDKI KKFLTESHDR QAKGKAITKK KYIGIRMMSL TSSKAKELKD RHRDFPDVIS GAYIIEVIPD TPAEAGGLKE NDVIISINGQ SVVSANDVSD VIKRESTLNM VVRGNEDIM ITVIPEEIDP
Source	E.coli
Target Names	HTRA1
Protein Names	Recommended name: Serine protease HTRA1 EC= 3.4.21.- Alternative name(s): High-temperature requirement A serine peptidase 1 L56 Serine protease 11
Expression Region	23-480
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 member of the trypsin family of serine proteases. This protein is a secreted enzyme that is proposed to regulate the availability of insulin-like growth factors (IGFs) by cleaving IGF-binding proteins. It has also been suggested to be a regulator of cell growth. Variations in the promoter region of this gene are the cause of susceptibility to age-related macular degeneration type 7.

**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.