



Recombinant Human Inter-alpha-trypsin inhibitor heavy chain H1 (ITIH1)

Product Code	CSB-EP011894HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P19827
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>SKSSEK RQAVDTAVDG VFIRSLKVNC KVTSRFAHYV VTSQVVNTAN EAREVAFDLE IPKTAFISDF AVTADGNAFI GDIKDKVTAW KQYRKAASG ENAGLVRASG RTMEQFTIHL TVNPQSKVTF QLTYEEVLKR NHMQYEIVIK VKPKQLVHHF EIDVDIFEPQ GISKLDAQAS FLPKELAAQT IKKSFSGKKG HVLFRPTVSQ QQSCPTCSTS LLNGHFKVTY DVSRDKICDL LVANNHFAHF FAPQNLTNMN KNVVVIDIS GSMRGQVKVQ TKEALLKILG DMQPGDYFDL VLFGTRVQSW KGSLVQASEA NLQAAQDFVR GFSLDEATNL NGGLLRGIEI LNQVQESLPE LSNHASILIM LTDGDPTEGV TDRSQILKNV RNAIRGRFPL YNLGFHNVDFNFLEVMMSME NNGRAQRIYE DHDATQQLQG FYSQVAKPLL VDVDLQYPQD AVLALTQNHK KQYYEGSEIV VAGRIADNKQ SSFKADVQAH GEGQEFSITC LVDEEEMKKL LRERGHMLEN HVERLWAYLT IQELLAKRMK VDREERANLS SQALQMSLDY GFVTPLTSMS IRGMADQDGL KPTIDKPSGD SPPLEMLGPR RTFVLSALQP SPTHSSSNTQ RLPDRVTGVD TD</p>
Source	E.coli
Target Names	ITIH1
Protein Names	Recommended name: Inter-alpha-trypsin inhibitor heavy chain H1 Short name= ITI heavy chain H1 Short name= ITI-HC1 Short name= Inter-alpha-inhibitor heavy chain 1 Alternative name(s): Inter-alpha-trypsin inhibitor complex compo
Expression Region	35-672
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 protein is the heavy chain of a serine protease inhibitor that may serve to carry hyaluronan in plasma. This gene is part of a cluster of similar genes on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene.
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.