



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

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| Product Code | CSB-EP011894HU-B |
| 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 QYYEGSEIV VAGRIADNKQ SSFKADVQAH GEGQEFSITC LVDEEEMKKL LRERGHMLEN HVERLWAYLT IQELLAKRMK VDREERANLS SQALQMSLDY GFVTPLTSM SMS IRGMADQDGL KPTIDKPSD 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.