

Recombinant Full Length Human ITIH1 Protein

Cat. No. ITIH1-261HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ITIH1 with N-terminal proprietary tag. Mol Wt 126.28 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
Protein Length	911 amino acids
Description	The protein encoded by this gene 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.
Form	Liquid
Molecular Mass	126.280kDa inclusive of tags
AA Sequence	MDGAMGPRGLLLCMYLVSLILQAMPALGSATGRSKSSEK RQAVDTAVDGVFIRSL KVNCKVTSRFAHYVVT SQVVNTAN EAREVAFDLEIPKTAFISDFAVTADGNAFIGDIK DKVTAW KQYRKA AISGENAGLVRASGR TMEQFTIHLTVNPQSKVTF QLTYEEVLKR NHMQYEIVIKVKPKQLVHHFEIDVDIFEPQ GISKLDAQASFLPKELAAQTIKKSFSGKK GHVLF RPTVSQ QQSCPTCSTSL LN GHFKVTYDVS RD KICDLLVANNHFAHF FAPQN LTNMNKNVVFVIDISGSMRGQKV KQTKEALLKILG DMQPGDYFDLV LFGTRVQSWK GSLVQASEANLQAAQDFVR GFSLDEATNLNGGLLRGIEILNQVQESLP ELSNHASIL I

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M LTDGDPTEGVTDQRSQILKNVRNAIRGRFPLYNLGFGHNVD FNFLEVMSMENNGR
 AQRIYEDHDATQQLQGFYSQVAKPLL VDVDLQYPQDAVLALTQNHKKQYYEGSEIV
 VAGRIADNKQ SSFKADVQAHGEGQEFSITCLVDEEEMKKLLRERGHMLEN HVERL
 WAYLTIQELLAKRMKVDREVRANLSSQALRMSLDY GFVTPLTSMIRGMADQDGLK
 PTIDKPSEDSPPLEMLGPR RTFVLSALQPSPHSSSNTQRLPDRVTGVDTDPHFIIH
 VP QKEDTLCFNINEEPGVILSLVQDPNTGFSVNGQLIGNKAR SPGQHDGTYFGRLG
 IANPATDFQLEVTPQNITLNPFGGGP VFSWRDQAVLRQDGVVVTINKKRNLVVSVD
 DGGTFEVLH RVWKGSSVHQDFLGIFYVLDSHRMSARTHGLLGQFFHPIGF EVSDI
 HPGSDPTKPDATMVVRNRRLTVTRGLQKDYSKDPW HGAEVSCWFIHNNAGLIDG
 AYTDYIVPDIF

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [ITIH1 inter-alpha-trypsin inhibitor heavy chain 1 \[Homo sapiens \]](#)

Official Symbol [ITIH1](#)

Synonyms ITIH1; inter-alpha-trypsin inhibitor heavy chain 1; inter alpha (globulin) inhibitor, H1 polypeptide; inter-alpha-trypsin inhibitor heavy chain H1; H1P; IATIH; ITIH

Gene ID [3697](#)

mRNA Refseq [NM_001166434](#)

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Protein Refseq	NP_001159906
MIM	147270
UniProt ID	P19827

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