Recombinant Full Length Human ITIH2 Protein, C-Flag-tagged

Cat. No. ITIH2-1021HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ITIH2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The inter-alpha-trypsin inhibitors (ITI) are a family of structurally related plasma serine protease inhibitors involved in extracellular matrix stabilization and in prevention of tumor metastasis. The ITI family contains multiple proteins made up of a light chain (see MIM 176870) and a variable number of heavy chains.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	106.3 kDa
AA Sequence	MKRLTCFFICFFLSEVSGFEIPINGLSEFVDYEDLVELAPGKFQLVAENRRYQRSLPG ESEEMMEEVDQV TLYSYKVQSTITSRMATTMIQSKVVNNSPQPQNVVFDVQIPKGA FISNFSMTVDGKTFRSSIKEKTVGRA LYAQARAKGKTAGLVRSSALDMENFRTEVN VLPGAKVQFELHYQEVKWRKLGSYEHRIYLQPGRLAKHLE VDVWVIEPQGLRFLHV PDTFEGHFDGVPVISKGQQKAHVSFKPTVAQQRICPSCRETAVDGELVVLYDVK RE EKAGELEVFNGYFVHFFAPDNLDPIPKNILFVIDVSGSMWGVKMKQTVEAMKTILDDL RAEDHFSVID FNQNIRTWRNDLISATKTQVADAKRYIEKIQPSGGTNINEALLRAIFIL NEANNLGLLDPNSVSLIILVS DGDPTVGELKLSKIQKNVKENIQDNISLFSLGMGFDV DYDFLKRLSNENHGIAQRIYGNQDTSSQLKKFY NQVSTPLLRNVQFNYPHTSVTDV

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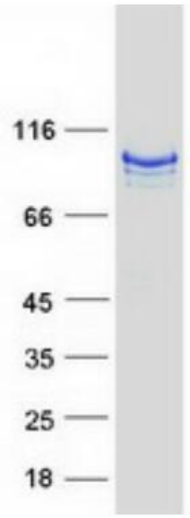
	TQNNFHNYFGGSEIVVAGKFDPAKLDQIESVITATSANTQLVLETLA QMDDLQDFLS KDKHADPDFTRKLWAYLTINQLLAERSLAPTAAAKRRITRSILQMSLDHHIVTPLTSLV I ENEAGDERMLADAPPQDPSCCSGALYYGSKVVPDSTPSWANPSPTPVISMLAQG SQVLESTPPPHVMRVE NDPHFIIYLPKSQKNICFNIDSEPGKILNLVSDPESGIVVNG QLVGAKKPNNGKLSTYFGKLGFYFQSED IKIEISTETITLSHGSSTFSLSWSDTAQVT NQRVQISVKKEKVVTITLDKEMSFSVLLHRVWKKHPVNVD FLGIYIPPTNKFSPKAH GLIGQFMQEPKIHIFNERPGKDPEKPEASMEVKGQKLIITRGLQKDYRTDLVF GTDVTCWFVHNSGKGFIDGHYKDYFVPQLYSFLKRPTRTRPLEQKLISEEDLAANDI LDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	ITIH2 inter-alpha-trypsin inhibitor heavy chain 2 [Homo sapiens (human)]
Official Symbol	ITIH2
Synonyms	H2P; SHAP

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Gene ID	3698
mRNA Refseq	NM_002216.3
Protein Refseq	NP_002207.2
MIM	146640
UniProt ID	P19823



Coomassie blue staining of purified ITIH2 protein.

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