

Product datasheet for TP324384SE

ITIH2 (NM_002216) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human inter-alpha (globulin) inhibitor H2 (ITIH2), secretory expressed in HEK293T cells, 20ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224384 representing NM_002216 Red=Cloning site Green=Tags(s)

MKRLTCFFICFFLSEVSGFEIPINGLSEFVDYEDLVELAPGKFQLVAENRRYQRSLPGESEEMMEEVDQV
 TLYSYKVQSTITSRMATTMIQSKVNNSPQPQNVVFDVQIPKGAFISNFSMTVDGKTRSSIKEKTVGRA
 LYAQARAKGKTAGLVRSSALDMENFRTEVNVLPGAKVQFELHYQEVKWRKLSYEHRIYLQPGRLAKHLE
 VDVWVIEPQGLRFLHVPDTEFGHFDGVPVISKGQQKAHVSKPTVAQQRICPSCRETAVDGELVWLYDVK
 REEKAGELEVFNQYFVHFFAPDNLDPIPKNILFVIDVSGSMWGVKMKQTVEAMKTILDDLRAEDHFSVID
 FNQNI RTWRNDLISATKTQVADAKRYIEKIQPSGGTNINEALLRAIFILNEANNLGLLDPNVSLIILVS
 DGDPTV GELKLSKIQKNVKENIQDNISLFLSGMGFDVDYDFLKRSLNENHGIAQRIYGNQDTSSQLKKFY
 NQVSTPLLRNVQFNYPHTSVTDVTQNNFHNYFGGSEIVVAGKFDPAKLDQIESVITATSANTQLVLETLA
 QMDDLQDFLSKDKHADPDFTRKLWAYLTINQLLAERSLAPTAALKRRITRSILQMSLDHHIVTPLTSLVI
 ENEAGDERMLADAPPQDPSCCSGALYYGSKVVPDSTPSWANPSPTPVISM LAQGSQVLESTPPPHVMRVE
 NDPHFIIYLPKSQKNICFNIDSEPGKILNLVSDPESGIVVNGQLVGAKKPNNGKLSYFGKLGIFYQSED
 IKIEISTETITLSHGSSTFSLWSDTAQVTNQRVQISVKKEKVTITLDKEMSFSVLLHRVWKKHPVNVD
 FLGIYIPPTNKFSPKAHGLIGQFMQEPKIHIFNERPGKDPEKPEASMEVKGQKLIITRGLQKDYRTDLVF
 GTDVT CWFVHNSGKGFIDGHYKDYFVPQLYSFLKRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

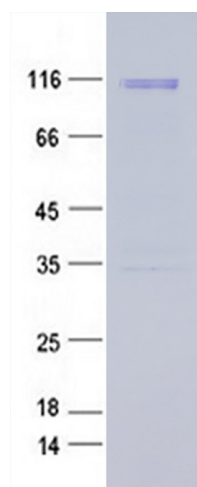
Tag:	C-Myc/DDK
Predicted MW:	107.9 kDa
Concentration:	>50 ug/mL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25mM Tris-HCl, pH7.3, 100mM glycine, 10% glycerol



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Note:	For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002207
Locus ID:	3698
UniProt ID:	P19823
RefSeq Size:	3198
Cytogenetics:	10p14
RefSeq ORF:	2838
Synonyms:	H2P; SHAP
Summary:	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 (Salier et al., 1987 [PubMed 2446322]; Himmelfarb et al., 2004 [PubMed 14744536]).[supplied by OMIM, Nov 2009]

Product images:



Coomassie blue staining of purified ITIH2 protein (Cat #TP324384SE). The protein was produced from mammalian cells transfected with ITIH2 cDNA clone (Cat #[RC224384]).