Recombinant Human ITIH3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ITIH3-3778H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ITIH3 MS Standard C13 and N15-labeled recombinant protein (NP_002208) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes the heavy chain subunit of the pre-alpha-trypsin inhibitor complex. This complex may stabilize the extracellular matrix through its ability to bind hyaluronic acid. Polymorphisms of this gene may be associated with increased risk for schizophrenia and major depressive disorder. This gene is present in an inter-alpha-trypsin inhibitor family gene cluster on chromosome 3.
Molecular Mass	99.8 kDa
AA Sequence	MAFAWWPCLILALLSSLAASGFPRSPFRLLGKRSLPEGVANGIEVYSTKINSKVTSRF AHNVVTMRAVNRADTAKEVSFDVELPKTAFITNFTLTIDGVTYPGNVKEKEVAKKQY EKAVSQGKTAGLVKASGRKLEKFTVSVNVAAGSKVTFELTYEELLKRHKGKYEMYL KVQPKQLVKHFEIEVDIFEPQGISMLDAEASFITNDLLGSALTKSFSGKKGHVSFKPSL DQQRSCPTCTDSLLNGDFTITYDVNRESPGNVQIVNGYFVHFFAPQGLPVVPKNVA FVIDISGSMAGRKLEQTKEALLRILEDMQEEDYLNFILFSGDVSTWKEHLVQATPENL QEARTFVKSMEDKGMTNINDGLLRGISMLNKAREEHRIPERSTSIVIMLTDGDANVG ESRPEKIQENVRNAIGGKFPLYNLGFGNNLNYNFLENMALENHGFARRIYEDSDADL

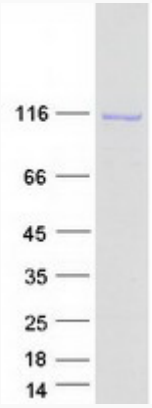
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	QLQGFYEEVANPLLTGVEMEYPENAILDLTQNTYQHFYDGSEIVVAGRLVDEDMNSF KADVKGHGATNDLTFTEEVDMKEMEKALQERDYIFGNYIERLWAYLTIEQLLEKRKN AHGEEKENLTARALDLSLKYHFVTPLTSMVVTKPEDNEDERAIADKPGEDAEATPVS PAMSYLTSYQPPQNPYYYVDGDPHFIIQIPEKDDALCFNIDEAPGTVLRLIQDAVTGL TVNGQITGDKRGSPDSKTRKTYFGKLGIANAQMDFQVEVTTEKITLWNRAVPSTFS WLDTVTVTQDGLSMMINRKNMVVSFGDGVTFVVVLHQVWKKHPVHRDFLGFYVVD SHRMSAQTHGLLGQFFQPFDFKVSDIRPGSDPTKPDATLVVKNHQLIVTRGSQKDY RKDASIGTKVVCWFVHNNGEGLIDGVHTDYIVPNLFTRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ITIH3 inter-alpha-trypsin inhibitor heavy chain 3 [Homo sapiens (human)]
Official Symbol	ITIH3
Synonyms	ITIH3; inter-alpha-trypsin inhibitor heavy chain 3; H3P; SHAP; ITI-HC3; inter-alpha-trypsin inhibitor heavy chain H3; ITI heavy chain H3; inter-alpha (globulin) inhibitor H3; inter-alpha (globulin) inhibitor, H3 polypeptide; inter-alpha-inhibitor heavy chain 3; pre-alpha (globulin) inhibitor, H3 polypeptide; serum-derived hyaluronan-associated

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	protein
Gene ID	3699
mRNA Refseq	NM_002217
Protein Refseq	NP_002208
MIM	146650
UniProt ID	Q06033
SDS-PAGE	

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