

Product datasheet for PH320252

ITIH3 (NM_002217) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ITIH3 MS Standard C13 and N15-labeled recombinant protein (NP_002208)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220252
Predicted MW:	99.8 kDa
Protein Sequence:	>RC220252 protein sequence Red=Cloning site Green=Tags(s)

MAFAWWPCLILALLSSLAASGFPRSPFRLLGKRSLEPGVANGIEVYSTKINSKVTSRFAHNVTMRAVNR
ADTAKEVSFDVELPKTAFITNFTLTIDGVTPGNVKEKEVAKKQYEKAVSQGKTAGLVKASGRKLEKFTV
SVNVAAGSKVTFELTYEELLKRHKGYEMYLKVPKQLVKHFEIEVDIFEPQGISMLDAEASFITNDLLG
SALTKSFGSKKGHVSKPSLDQQRSCPTCTDSSLNGDFTITYDVNRESPGNVQIVNGYFVHFFAPQGLPV
VPKNVAFVIDISGSMAGRKLEQKEALLRILEDMQEEDYLNILFSGDVSTWKEHLVQATPENLQEARTF
VKSMEKGMTNINDGLLRGISMLNKAREEHRIPERSTSIIVIMLTDGDANVGESRPEKIQENVRNAIGGKF
PLYNLGFGNNLNYNFLENMALENHGFARRIYEDSDADLQOGFYEEVANPLL TGVEMEYPENAILDLTQN
TYQHFDGSEIVVAGRLVDEDMNSFKADVKGHGATNDLTFTEEVDKMEKALQERDYIFGNVIERLWAY
LTIEQLLEKRKNAHGEEKENLTARALDLSLKYHFVTPLTSMVVTKPEDNERAIADKPGEDAEATPVSP
AMSYLTSYQPPQNPYYYVDGDPHFIIQIPEKDDALCFNIDEAPGTVLRLLIQDAVTGLTVNGQITGDKRGS
PDSKTRKTYFGKLGIANAQMDFQVEVTEKITLWNRAVPSTFSWLDVTVTQDGLSMMINRKNMVSFGD
GVTFVVVLHQVWKKHPVHRDFLGFYVVVDSHRMSAQTHGLLGQFFQPFDFKVSDIRPGSDPTKPDATLVVK
NHQLIVTRGSQKDYRKDASIGTKVVCWFVHNNGEGLIDGVHTDYIVPNLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_002208](#)

RefSeq Size: 3037

RefSeq ORF: 2670

Synonyms: H3P; ITI-HC3; SHAP

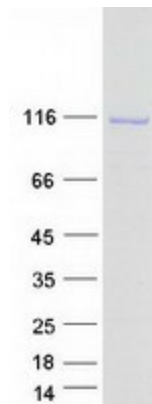
Locus ID: 3699

UniProt ID: [Q06033](#)

Cytogenetics: 3p21.1

Summary: 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. [provided by RefSeq, Jul 2015]

Product images:



Coomassie blue staining of purified ITIH3 protein (Cat# [TP320252]). The protein was produced from HEK293T cells transfected with ITIH3 cDNA clone (Cat# [RC220252]) using MegaTran 2.0 (Cat# [TT210002]).