

Product datasheet for PH319753

ITIH4 (NM_002218) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ITIH4 MS Standard C13 and N15-labeled recombinant protein (NP_002209)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219753
Predicted MW:	103.36 kDa
Protein Sequence:	>RC219753 representing NM_002218 Red =Cloning site Green =Tags(s)

MKPPRPVRTCSKVLVLLSLLAIHQTTTAEKNGIDIYSLTVDSRVSSRFAHTVVTSRVVRANTVQEATFQ
 MELPKKAFITNFSMNIDGMTYPGIIKEKAEQAQYSAAVAKGKSAGLVKATGRNMEQFQVSVSVAPNAKI
 TFELVYEECLKRRLGVYELLLKVRPQQLVKHLQMDIHIFEPQGIFLETESTFMTNQLVDALTTWQNKTK
 AHIRFKPTLSQQQKSPEQQETVLDGNLIIRYDVEDRAISGGSIQIENGIFYVHYFAPEGLTTPKNNVVFVID
 KSGSMSGRKIQQTREALIKILDDLSPRDQFNLIIVFSTEATQWRPSLVPASAENVNKARSFAAGIQALGGT
 NINDAMLMVQLLDSSNQEERLEPGSVSLIILLTDGPTVGETNPRSIQNNVREAVSGRYSFLCLGFGFD
 VSYAFLEKLALDNGGLARRIHEDSDSALQLQDFYQEVANPLLTAFTFEYPSNAVEEVTQNNFRLLFKGSE
 MVVAGKLQDRGPDVLTATVSGKLPTQNIITFQTESSVAEQEAEFQSPKYIFHNFMERLWAYLTIQQLLEQT
 VSASDAQQALRNQALNLSLAYSFVTPLTSMVVTKPDDQEQSQVAEKPMEGESRNRNVHSGSTFFKYLLQ
 GAKIPKPEASFSPRRGWNRRQAGAAAGSRMFRPGVLSSRQLGLPGPPDVPDHAAYHPFRRLAILPASATPA
 TSNPDPAVSRVMNMKIEETMTTQTPAPIQAPSAILPLPGQSVERLCVDPHRHQGPVNLLSDPEQGEVET
 GQYEREKAGFSWIEVTFKNPLVWVHASPEHVVTNRNRSSAYKWKETLFSVMPGLKMTMDKTGLLLLSDP
 DKVTIGLLFWDGRGELRLLLRDTDRFSSHVGTLGQFYQEVLVWGSPAASDDGRRTL RVQGDHNSATRER
 RLDYQEGPPGVEISCWSVEL

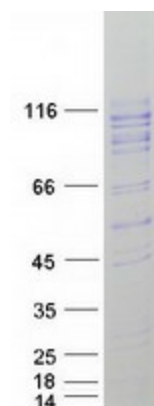
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_002209</u>
RefSeq Size:	3260
RefSeq ORF:	2790
Synonyms:	GP120; H4P; IHRP; ITI-HC4; ITIHL1; PK-120; PK120
Locus ID:	3700
UniProt ID:	<u>Q14624</u> , <u>B7ZKJ8</u> , <u>B2RMS9</u>
Cytogenetics:	3p21.1
Summary:	The protein encoded by this gene is secreted into the blood, where it is cleaved by plasma kallikrein into two smaller forms. Expression of this gene has been detected only in liver, and it seems to be upregulated during surgical trauma. This gene is part of a cluster of similar genes on chromosome 3. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified ITIH4 protein (Cat# [TP319753]). The protein was produced from HEK293T cells transfected with ITIH4 cDNA clone (Cat# [RC219753]) using MegaTran 2.0 (Cat# [TT210002]).