

Product datasheet for TP512254

Itih4 (NM_001159299) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse inter alpha-trypsin inhibitor, heavy chain 4 (Itih4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212254 representing NM_001159299 Red =Cloning site Green =Tags(s)

MKSPAPAHMWNLVFLPSELLAVLPTTTAEKNGIDIYSLTVDSRVSSRFAHTVWTSRVNRRADAVQEATFQ
VELPRKAFITNFSMIIDGVTYPGVVKEKAEQKQYSAAVGRGESAGIVKTTGRQTEKFEVSVNVAPGSKI
TFELIQELLQRRLGMYELLLKVRPQQLVKHLQMDIYIFEPQGISILETESTFMTPELANALTTSQNKTK
AHIRFKPTLSQQKQSQSEQDQTVLNGDFIVRYDVNRSDSGGSIQIEEGYFVHHFAPENLPTMSKNVIFVID
KSGSMSGKKIQQTREALVKILKDLSPQDQFNLIIEFSGEANQWKQSLVQATEENLNKAVNYASRIRAHGGT
NINNAVLLAVELLDRSNQAELLPSKSVSLIILLTDGDPTVGETNPTIIQNNVREAINQYSLFCLGFGFD
VNYPFLEKMALDNGGLARRIYEDSDSALQLQDFYHEVANPLLSVAFEYPSDAVEEVTRYKFQHHFKGSE
MVVAGKLQDQGPVLLAKVSGQMNMNITFQTEASVAQKEKFKSPKYIFHNFMERLWALLTIQQQLEQR
ISASGALEALEAQVLNLSLKYNFVTPHTMWWTKPEGQEQQVAEKPVEVDGMQRLPLAAQAHPFRPP
VRGSKLMTVLKGSRSQIPRLGDAVRASRQYIPPGFPPGPPGPPGFPAPPGPPGFPAPPGPPPLASGSDFLQ
PSYERMLSLPSVAQYPADPHLVVTEKSKESTIPEESPNDHPQVPTITLPLPGSSVDQLCVDILHSEKPM
KLFVDPSQGLEVTGKYENTGFSWLEVTIQKPHLQVHATPERLVTRGRKNTEYKWKKTLSVLPGLKMTM
NMMGLLQLSGPDKVTIGLLSLDDPQRGLMLLLNDTQHFSNNVKGELGQFYRDIVWEPPVEPDNTRKRVKV
QGVLYLATRELKLSYQEGFPGAEISCWTVEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	105 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Note:	For testing in cell 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 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001152771
Locus ID:	16427
UniProt ID:	A6X935 , E9PVD2
RefSeq Size:	3142
Cytogenetics:	14 19.09 cM
RefSeq ORF:	2823
Synonyms:	ITI-HC4; Itih; Itih-4; PK-120
Summary:	This gene encodes a member of the inter-alpha trypsin inhibitor (IaI) family of plasma serine protease inhibitors with diverse functions as anti-apoptotic and matrix stabilizing molecules during development. This gene is predominantly expressed in the liver and the encoded protein was found to be a plasma kallikrein-sensitive glycoprotein. This gene is located in a cluster of related inter alpha trypsin inhibitor genes on chromosome 14. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2015]