

Product datasheet for **TP319509L**

FNIP2 (NM_020840) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human folliculin interacting protein 2 (FNIP2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219509 representing NM_020840 Red =Cloning site Green =Tags(s)

MAPTLLQKLFNKRGSSSGSSAAASAQGRAPKEGPAFSWSCSEFDLNEIRLIVYQDCDRRGRQVLFDSKAVQ
 KIEEVTAQKTEDVPIKISAKCCQGSSSVSSSSSSSISSHSSSGSSSHAKEQLPKYQYTRPASDVNMLGE
 MMFGSVAMSYKGSTLKIHYIRSPQLMISKVFSARMGSFCGSTNNLQDSFEYINQDPNLGKLNTNQNSL
 G
 PCRTGSNLAHSTPVDMPSRGQNEHDRDSGIARSASLSSLLITPFPSPSSSTSSSSSYQRRWLRSQTTSLEN
 GIIPRRSTDETFSLAEETCSSNPAMVRRKKIAISIIFSLCEKEEAQRNFQDFFFSHFPLFESHMNRLKSA
 IEKAMISCRKIAESSLRVQFYVSRLMEALGEFRGTIWNLYSVPRIAEVWLTMMSGTLEKNQLCQRFLE
 FTLLIEQINKNQFFAALLTAVLTYHLAWVPTVMPVDHPPIKAFSEKRTSQSVNMLAKTHPINPLWAQLGD
 LYGAIGSPVRLTRTVVVGKQKDLVQRILYVLTFLRCSELQENQLTWSGNHGEQDQVLNGSKIITALEKG
 EVEEYVWITVRNEPALVPPILPPTAERHNPWPTGFPECEGTDSRDGLKPDKEANRRPEQGSEACS
 AGCLGPASDASWKPQNAFCGDEKNKEAPQDGSSRLPSCEVLGAGMKMDQQAACELLKVEMPTRLPDRS
 VA
 WPCPDRHLREKPSLEKVTFFQIGSFASPESEDFESRMKKMEERVKACGPSLEASEAADVAQDPQVSRSPFKP
 GFQENVCCPQNRLSEGDEGESDKGFAEDRGSRNDMAADIAGQLSHAADLGTASHGAGGTGRRLEATR
 GL
 YVKAAGPVLPEVAPRCVQRGPGLVAGANIPCGDDNKKANFRTEGDIPRNESSDSALGDSDDDEACASAML
 DLGHGGDRTGGSLEVELPLRSQSISTQNVRNFRSLLAGYCPTYMPDLVLHGTGSDEKLKQCLVADLVH
 TVHHPVLDEPIAEAVCIIADTDKWSVQVATSQRKVTDNMKLGQDVLVSSQVSSLLQSILQLYKLHLPADF
 CIMHLEDRLQEMYLKSKMLSEYLRGHTRVHVKELGVVLGIESNDLPLLTAIASHTSPYVAQILL

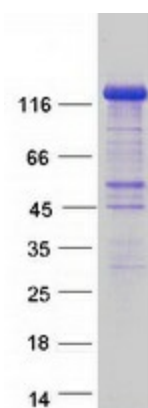
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	121.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method


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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_065891
Locus ID:	57600
UniProt ID:	Q9P278
RefSeq Size:	5801
Cytogenetics:	4q32.1
RefSeq ORF:	3342
Synonyms:	FNIP1; MAPO1
Summary:	This gene encodes a protein that binds to the tumor suppressor folliculin and to AMP-activated protein kinase (AMPK), and may play a role cellular metabolism and nutrient sensing by regulating the AMPK-mechanistic target of rapamycin signaling pathway. The encoded protein may also be involved in regulating the O6-methylguanine-induced apoptosis signaling pathway. This gene has a closely related paralog that encodes a protein with similar binding activities. Both related proteins also associate with the molecular chaperone heat shock protein-90 (Hsp90) and negatively regulate its ATPase activity and facilitate its association with folliculin. [provided by RefSeq, Jul 2017]

Product images:



Coomassie blue staining of purified FNIP2 protein (Cat# [TP319509]). The protein was produced from HEK293T cells transfected with FNIP2 cDNA clone (Cat# [RC219509]) using MegaTran 2.0 (Cat# [TT210002]).