

Product datasheet for **TP517038**

Fnip2 (NM_001162999) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse folliculin interacting protein 2 (Fnip2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217038 representing NM_001162999 Red =Cloning site Green =Tags(s)

MAPTLLQKLFNKRGGGAASAQARPPKEEPAFSWSCSEFGLSDIRLLVYQDCERRGRQVMFDSRAVQKME
E
AAAQKAEDVPIKMSARCCQESSSSSGSSSSSGSSSHGFGGSLQHAKQQLPKYQYTRPASDVSM LGEMMF
G
SVAMSYKGSTLKIHYIRSPQLMISKVFSATMG SFCGSTNNLQDSFEYINQDPQAGKLNTNQYNLGPFR
T
GSNLAHSTPVDMP SRGQ NEDRDSGIARSASLSLLITPFPSPSSSTSSSSSYQRRWLSQTTSLENGIFP
R
RRSTDETFSLAEETCSSNPAMVRRKKIAISII FSLCEREAQ RDFQDFFSHFPLFESHMNR LKGAIEKA
M
MISCRKISESSLRVQFYVSRLMEALGEFRGTIWNLYSVPRIAEPVWLTMM SNTLEKNQLCQRFLKEFILL
I
IEQVNKNQFFAALLTAVLTYHLAWVPTVMPVDHPPIKAFSEKRTSQSVNMLAKTHPYNPLWAQLGDLYG
A
IGSPVRLTRTVVIGKQKDLVQRILYVLT YFLRCSELQENQLSWSGNPSEDDQVINGSKIITALEKGEVEE
S
SEYVVVTVSSEPALVPPILPQGTAE RRSPEPTVVAEISEGVNTSELGHKPEKNRCKRPEQNSEASSMGFQ
E
EAEPDSSWIPQGIFCEDKQNDQEATQDCSSPPSCEVPRVRRRMDQQT LHSKLHGETLKKRAEQSAAWP
C
PDRHSQEDPPVEKVTFHIGSSISPESDFESRTKRMEERLKACGHFH GASASASSSMDTGLTQEQQGSGCS
F
FKADFEKDITPQDHSSGGEGVSEDRGLRANMTHAVGQLSQVDGPLAHS LCAAESGRRLLQTRDVQLKG
Y
KGPSSPEVPNRCRQQGGLLIAADV PYGDASGKGNYRSEGDIPRNE SLDSALGDSDD EACVLALLELGHSC
D
DRTEESLEVELPLRSQSTSKANVRNFRSLLAGYCATYMPDLVLHGTSSDEKLKQCLAADLVHTVHHPV
L
LDEPIAEAVCIADTDKWT VQVATSQRKVTDTMKLGQDVLVSSQVSSLLQSILQLYKLHLPADFCIMHLE
D
DRLQEMYLKSKMLSEYLRGHTRVHV KELS VVLGIESNDLPLLTAIAS THSPYVAQILL

SGPTRTRPLE**QKLISEEDLA**NDILDYKDDDDKV

Tag: C-MYC/DDK



[View online »](#)

Predicted MW:	122.5 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
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_001156471
Locus ID:	329679
UniProt ID:	Q80TD3
RefSeq Size:	7095
Cytogenetics:	3 E3
RefSeq ORF:	3324
Synonyms:	D630023B12Rik; mKIAA1450
Summary:	Acts as a co-chaperone of HSP90AA1. Inhibits the ATPase activity of HSP90AA1 leading to reduction in its chaperone activity. Facilitates the binding of client protein FLCN to HSP90AA1. May be involved in energy and/or nutrient sensing through the AMPK and mTOR signaling pathways. May regulate phosphorylation of RPS6KB1 (By similarity). May play a role in the signal transduction pathway of apoptosis induced by O6-methylguanine-mispaired lesions (PubMed:19137017).[UniProtKB/Swiss-Prot Function]