

Recombinant Human FNIP2 Protein, His-tagged

Cat. No. FNIP2-171H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human folliculin interacting protein 2(FNIP2), transcript variant 1(NM_020840), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes a member of the folliculin-interacting protein family. The encoded protein binds to the tumor suppressor folliculin and to AMP-activated protein kinase (AMPK) and be involved in regulating the O6-methylguanine-induced apoptosis signaling pathway. This protein may also play a role cellular metabolism and nutrient sensing by regulating the AMPK-mechanistic target of rapamycin signaling pathway. A homologous binding partner of this protein, folliculin-interacting protein 1, has similar binding activities and may suggest functional redundancy within this protein family. Both folliculin-interacting proteins have also been shown to bind the molecular chaperone heat shock protein-90 (Hsp90) and they may function as a co-chaperones in the stabilization of tumor suppressor folliculin which is a target of Hsp90 chaperone activity.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.53, without any preservatives.
Molecular Mass	121.9 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
---------------	--

Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.
---------------------	--

GENE INFORMATION

Gene Name	FNIP2 folliculin interacting protein 2 [Homo sapiens]
------------------	---

Official Symbol	FNIP2
------------------------	-------

Synonyms	FNIP2; folliculin interacting protein 2; folliculin-interacting protein 2; FNIPL; KIAA1450; FNIP1-like protein; O6-methylguanine-induced apoptosis 1 protein; MAPO1;
-----------------	--

Gene ID	57600
----------------	-------

mRNA Refseq	NM_020840
--------------------	-----------

Protein Refseq	NP_065891
-----------------------	-----------

MIM	612768
------------	--------

UniProt ID	Q9P278
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA