

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)

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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

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