Recombinant Human FNIP2 Protein, MYC/DDK-tagged

Cat. No. FNIP2-2428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FNIP2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	121.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	FNIP2 folliculin interacting protein 2 [Homo sapiens]
Official Symbol	FNIP2
Synonyms	FNIPL; MAPO1
Gene ID	57600
mRNA Refseq	NM_020840
Protein Refseq	NP_065891
MIM	612768
UniProt ID	Q9P278

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