Datasheet for ABIN2721270

FNIP2 Protein (Myc-DYKDDDDK Tag)

1 Image

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Overview

Quantity:	20 µg
Target:	FNIP2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FNIP2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human FNIP2 protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	FNIP2
Alternative Name:	Fnip2 (FNIP2 Products)
Background:	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

Target Details

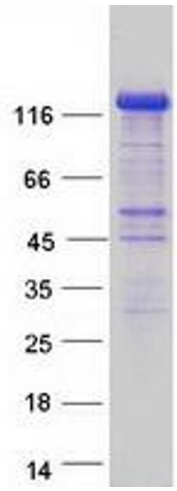
	protein, folliculin-interacting protein 1, has similar binding activities and may suggest functional redundancy within this protein family. Both folliculin-interacting proteins have also been shown to bind the molecular chaperone heat shock protein-90 (Hsp90) and they may function as a co-chaperones in the stabilization of tumor suppressor folliculin which is a target of Hsp90 chaperone activity.
Molecular Weight:	121.9 kDa
NCBI Accession:	NP_065891

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

