

Recombinant Full Length Human RNF2 Protein, C-Flag-tagged

Cat. No. RNF2-941HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RNF2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Polycomb group (PcG) of proteins form the multiprotein complexes that are important for the transcription repression of various genes involved in development and cell proliferation. The protein encoded by this gene is one of the PcG proteins. It has been shown to interact with, and suppress the activity of, transcription factor CP2 (TFCP2/CP2). Studies of the mouse counterpart suggested the involvement of this gene in the specification of anterior-posterior axis, as well as in cell proliferation in early development. This protein was also found to interact with huntingtin interacting protein 2 (HIP2), an ubiquitin-conjugating enzyme, and possess ubiquitin ligase activity.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.5 kDa
AA Sequence	MSQAVQTNGTQPLSKTWELSLYELQRTTPQEAITDGLEIVVSPRSLHSELMCPICLDM LKNTMTTKECLHR FCADCIITALRSGNKECPTCRKKLVSKRSLRPDPNFDALISKIYP SRDEYEAHQERVLARINKHNNQQAL SHSIEEGLKIQAMNRLQRGKKQIENGSGAE DNGDSSHCSNASTHSNQEAGPSNKRKTSDDSGLELDNN NAAMAIDPVMGASEI

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ELVFRPHPTLMEKDDSAQTRYIKTSGNATVDHLSKYLAVRLALEELRSKGESNQ
MNLDTASEKQYTIYIATASGQFTVLNGSFSLELVSEKYWKVNKPMELYYAPTKEHKT
RTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	RNF2 ring finger protein 2 [Homo sapiens (human)]
Official Symbol	RNF2
Synonyms	BAP1; DING; BAP-1; HIPI3; RING2; LUSYAM; RING1B
Gene ID	6045
mRNA Refseq	NM_007212.4

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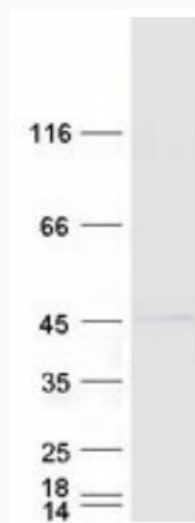
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Protein Refseq NP_009143.1

MIM 608985

UniProt ID Q99496



Coomassie blue staining of purified RNF2 protein.

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