

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	<p>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.</p>
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.5 kDa
AA Sequence	<p>MSQAVQTNGTQPLSKTWELSLYELQRTPQEAITDGLEIVVSPRSLHSELMCPICLDM LKNTMTTKECLHR FCADCIITALRSGNKECPTCRKKLVSKRSLRPDPNFDALISKIYP SRDEYEAHQERVLARINKHNNQQAL SHSIEEGLKIQAMNRLQRGKKQIENGSGAE DNGDSSHCSNASTHSNQEAGPSNKRKTSDDSGLELDNN NAAMAIDPVMGASEI</p>

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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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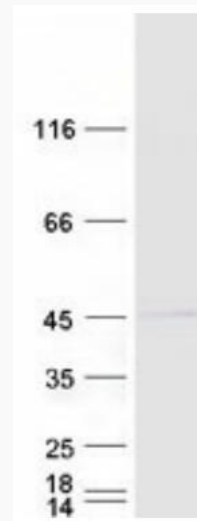
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Protein Refseq NP_009143.1

MIM 608985

UniProt ID Q99496



Coomassie blue staining of purified RNF2 protein.

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