

Recombinant Human RNF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RNF2-5035H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RNF2 MS Standard C13 and N15-labeled recombinant protein (NP_009143) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	37.7 kDa
AA Sequence	MSQAVQTNGTQPLSKTWELSLYELQRTPEAITDGLEIVVSPRSLHSELMCPICLDM LKNTMTTKECLHRFCADCIITALRSGNKECPTCRKKLVSKRSLRPDPNFDALISKIYPS RDEYEAHQERVLARINKHNNQQALSHSIEEGLKIQAMNRLQRGKKQIENGSGAED NGDSSHCSNASTHSNQEAGPSNKRKTSDDSGLELDNNAAMAIDPVMDGASEIEL

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VFRPHPTLMEKDDSAQTRYIKTSGNATVDHLSKYLAVRLALEELRSKGESNQMNLDT
ASEKQYTIYIATASGQFTVLNGSFSLELVSEKYWKVNKPMELYYAPTKEHKTRTRPL
EQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RNF2 ring finger protein 2 [Homo sapiens (human)]

Official Symbol RNF2

Synonyms RNF2; ring finger protein 2; E3 ubiquitin-protein ligase RING2; BAP 1; BAP1; DING; HIP13; RING1B; RING2; protein DinG; RING finger protein 1B; RING finger protein BAP-1; HIP2-interacting protein 3; huntingtin-interacting protein 2-interacting protein 3; BAP-1;

Gene ID 6045

mRNA Refseq NM_007212

Protein Refseq NP_009143

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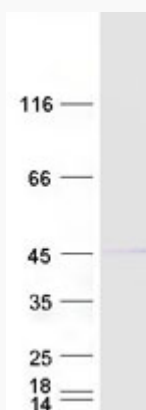
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MIM 608985

UniProt ID Q99496

SDS-PAGE



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