

Product datasheet for PH303089

RNF2 (NM_007212) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RNF2 MS Standard C13 and N15-labeled recombinant protein (NP_009143)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203089
Predicted MW:	37.7 kDa
Protein Sequence:	>RC203089 protein sequence Red=Cloning site Green=Tags(s) MSQAVQTNGTQPLSKTWELSLYELQRTPEAITDGLIIVVSPRSLHSELMCPICLDMLKNTMTTKECLHR FCADCIIITALRSGNKECPTCRKKLVSKRSLRDPNFDALISKIYPSRDEYEAHQERVLARINKHNNQAL SHSIEEGLKIQAMNRLQRGKKQIENGSGAEDNGDSSHCSNASTHSNQEAGPSNKRTKTSDDSGLELDNN NAAMAIDPVMDGASEIELVFRPHPTLMEKDDSAQTRYIKTSGNATVDHLSKYLAVRLALEELRSKGESNQ MNLDTASEKQYTIYIATASGQFTVLNGSFSLELVSEKYWKVNKPMELYYAPTKEHK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_009143</u>
RefSeq Size:	3551
RefSeq ORF:	1008
Synonyms:	BAP-1; BAP1; DING; HIPI3; RING1B; RING2
Locus ID:	6045



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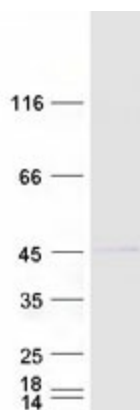
UniProt ID: [Q99496](#)

Cytogenetics: 1q25.3

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified RNF2 protein (Cat# [TP303089]). The protein was produced from HEK293T cells transfected with RNF2 cDNA clone (Cat# [RC203089]) using MegaTran 2.0 (Cat# [TT210002]).