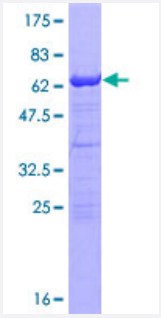
Full-Length

RNF2 (Human) Recombinant Protein (P01)

Catalog # H00006045-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RNF2 full-length ORF (NP_009143.1, 1 a.a. - 336 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSQAVQTNGTQPLSKTWELSLYELQRTPQEAITDGLEIVVSPRSLHSELMCPICLDMLKNTMTTKE CLHRFCADCIITALRSGNKECPTCRKKLVSKRSLRPDPNFDALISKIYPSRDEYEAHQERVLARINK HNNQQALSHSIEEGLKIQAMNRLQRGKKQQIENGSGAEDNGDSSHCSNASTHSNQEAGPSNKRT KTSDDSGLELDNNNAAMAIDPVMDGASEIELVFRPHPTLMEKDDSAQTRYIKTSGNATVDHLSKY LAVRLALEELRSKGESNQMNLDTASEKQYTIYIATASGQFTVLNGSFSLELVSEKYWKVNKPMELY YAPTKEHK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	64.1
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RNF2

Entrez GeneID	6045
GeneBank Accession#	NM_007212.3
Protein Accession#	NP_009143.1
Gene Name	RNF2
Gene Alias	BAP-1, BAP1, DING, HIPI3, RING1B, RING2
Gene Description	ring finger protein 2
Omim ID	608985
Gene Ontology	Hyperlink
Gene Summary	Polycomb group (PcG) of proteins form the multiprotein complexes that are important for the trans cription repression of various genes involved in development and cell proliferation. The protein en coded by this gene is one of the PcG proteins. It has been shown to interact with, and suppress th e 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 prolifer ation in early development. This protein was also found to interact with huntingtin interacting protei n 2 (HIP2), an ubiquitin-conjugating enzyme, and possess ubiquitin ligase activity. [provided by Re fSeq
Other Designations	OTTHUMP00000033405|OTTHUMP00000060668

Disease

- Carcinoma
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Neoplasms
- Recurrence