

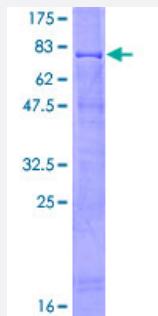
Full-Length

RING1 (Human) Recombinant Protein (P01)

Catalog # H00006015-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RING1 full-length ORF (AAH02922.2, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDGTEIAVSPRSLHSELMCPICLDMLKNTMTTKECLHRFCSDCMTALRSGNKECPTCRKKLVSK
RSLRPDPNFDALISKIYPSREEYEAHQDRVLIRLSRLHNQQALSSIEEGLRMQAMHRAQVRVRRPIP
GSDQTTTMSGGEGEPGEGEGDGEDVSSDSAPDSAPGPAPKRPRGGGAGGSSVGTGGGGTGG
VGGGAGSEDSGDRGGTLGGGTGPPSPPGAPSPPEPGGEIELVFRPHPLLVEKGEYCQTRYVKT
TGNATVDHLSKYALRALERRQQQEAGEPGGGPGGGASDTGGPDGCGGEGGGAGGGDGPEEP
ALPSLEGVSEKQYTYMAPGGGAFTTLNGSLTLELVNEKFWKVSRLPLELCYAPTKDPK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.1

Interspecies Antigen Sequence

Mouse (96); Rat (97)

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 — RING1

Entrez GeneID[6015](#)**GeneBank Accession#**[BC002922.1](#)**Protein Accession#**[AAH02922.2](#)**Gene Name**

RING1

Gene Alias

RING1A, RNF1

Gene Description

ring finger protein 1

Omim ID[602045](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene belongs to the RING finger family, members of which encode proteins characterized by a RING domain, a zinc-binding motif related to the zinc finger domain. The gene product can bind DNA and can act as a transcriptional repressor. It is associated with the multimeric polycomb group protein complex. The gene product interacts with the polycomb group proteins BMI1, EDR1, and CBX4, and colocalizes with these proteins in large nuclear domains. It interacts with the CBX4 protein via its glycine-rich C-terminal domain. The gene maps to the HLA class II region, where it is contiguous with the RING finger genes FABGL and HKE4. [provided by RefSeq]

Other Designations

OTTHUMP00000029416

Disease

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Neoplasms](#)
- [Lupus Erythematosus](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)