

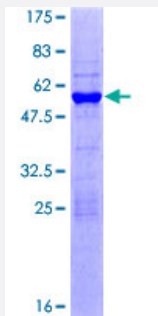
Full-Length

RNF4 (Human) Recombinant Protein (P01)

Catalog # H00006047-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RNF4 full-length ORF (NP_002929.1, 1 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSTRKRRGGAINSRQAQKRTREATSTPEISLEAEPIELVETAGDEMDLTCESELPVVVDLTHNDS
VVVDERRRRPRRNARRLPQDHADSCVVSSDDEELSRDRDVYVTTHTPRNARDEGATGLRPSGTV
SCPICMDGYSEVMQNGRLIVSTECGHVFCQCLRDLSLKNANTCPTCRKKINHKRYHPIM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

47.7

Interspecies Antigen Sequence

Mouse (91); Rat (93)

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 — RNF4

Entrez GeneID [6047](#)

GeneBank Accession# [NM_002938.2](#)

Protein Accession# [NP_002929.1](#)

Gene Name RNF4

Gene Alias RES4-26, SNURF

Gene Description ring finger protein 4

Omim ID [602850](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene contains a RING finger motif and acts as a transcription regulator. This protein has been shown to interact with, and inhibit the activity of, TRPS1, a transcription suppressor of GATA-mediated transcription. Transcription repressor ZNF278/PATZ is found to interact with this protein, and thus reduce the enhancement of androgen receptor-dependent transcription mediated by this protein. Studies of the mouse and rat counterparts suggested a role of this protein in spermatogenesis. [provided by RefSeq]

Other Designations small nuclear RING finger protein

Disease

- [Tobacco Use Disorder](#)