

AR50585PU-N

Human RNF4 (1-190, His-tag) - Purified

Alternate names:

E3 ubiquitin ligase RNF4, RES4-26, Ring finger protein 4, SNURF

Quantity:

0.5 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

E3 ubiquitin ligase RNF4, also known as RNF4, 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.

Uniprot ID:

[P78317](#)

NCBI:

[NP_001171938](#)

GeneID:

[6047](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl, 30% glycerol, 1mM DTT

Description:

Recombinant human RNF4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMSRKRK GGAINSRQAQ KRTREATSTP EISLEAEPIE
LVETAGDEIV DLTCESELPV VVDLTHNSDV VIVDERRRPR RNARRLPQDH ADSCVVSDD
EELSRDRDVY VTHTPRNAR DEGATGLRPS GTVSCPICMD GYSEIVQNGR LIVSTECGHV
FCSQCLRDSL KNANTCPTCR KKINHKRYHP IYI

Molecular weight: 23.7 kDa (213aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Kaiser F.J., et al. (2003) J. Biol. Chem. 278:38780-38785 Guo B., et al. (2009) Mol. Cell. Biol. 29:3204-3218

Pictures:

