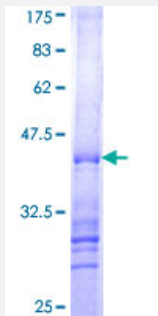


RNF168 (Human) Recombinant Protein (Q01)

Catalog # H00165918-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RNF168 partial ORF (NP_689830, 462 a.a. - 571 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVPNRQKGSPDEYHLRATSSPPDKVLNGQRKNPKDGNFKRQTHTKHPTPERGSRDKNRQVSLK MQLKQSVNRRKMPNSTRDHCKVSKSAHSLQPSISQKSVFQMFQRC TK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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 — RNF168

Entrez GeneID [165918](#)

GeneBank Accession# [NM_152617](#)

Protein Accession# [NP_689830](#)

Gene Name RNF168

Gene Alias FLJ35794

Gene Description ring finger protein 168

Gene Ontology [Hyperlink](#)

Gene Summary The complex repair response elicited by DNA double-strand breaks (DSBs) includes recruitment of several DNA repair proteins and ubiquitination of H2A-type histones (see MIM 142720). RNF168 is an E3 ubiquitin ligase critical for DSB repair (Stewart et al., 2009 [PubMed 19203578]).[supplied by OMIM]

Other Designations -