

Recombinant Full Length Human RNF168 Protein, GST-tagged

Cat. No. RNF168-6845HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human RNF168 full-length ORF (NP_689830.2, 1 a.a. - 571 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	571 amino acids
Description	This gene encodes an E3 ubiquitin ligase protein that contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-DNA and protein-protein interactions. The protein is involved in DNA double-strand break (DSB) repair. Mutations in this gene result in Riddle syndrome.
Molecular Mass	91.4 kDa
AA Sequence	MALPKDAIPSLSECQCGICMEILVEPVTLPCNHTLCKPCFQSTVEKASLCCPFCRRR VSSWTRYHTRRNSLVNVELWTIIQKHYPRECKLRASGQESEEVADDYQPVRLLSKP GELRREYEEEEISKVAAERRASEEEEEENKASEEYIQRLLAESEEEEEKQAEKRRRAMEE QLKSDEELARKLSIDINNFCESISASPLNSRKSDPVTPKSEKSSKNKQRNTGDIQKY LTPKSQFGSASHSEAVQEVKDSVSKDIDSSDRKSPTGQDTEIEDMPTLSPQISLGV GEQGADSSIESPMPWLCACGAEWYHEGNVKTSPSNHGKELCVLSHERPKTRVPYS KETAVMPCGRTESGCAPTSGVTQTNGNNTGETENEESCLLISKEISKRNQESSFE AVKDPCFSAKRRKVSPESPQDEETEINFTQKLIDLEHLLFERHKQEEQDRLLALQL QKEVDKEQMVPNRQKGPDEYHLRATSSPPDKVLNGQRKNPKDGNFKRQTHTKH

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	PTPERGSRDKNRQVSLKMQLKQSVNRRKMPNSTRDHCKVSKSAHSLQPSISQKSV FQMFQRCTK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	RNF168 ring finger protein 168 [Homo sapiens (human)]
Official Symbol	RNF168
Synonyms	RNF168; ring finger protein 168; RIDL; hRNF168; E3 ubiquitin-protein ligase RNF168; RING-type E3 ubiquitin transferase RNF168; ring finger protein 168, E3 ubiquitin protein ligase; EC 2.3.2.27
Gene ID	165918
mRNA Refseq	NM_152617
Protein Refseq	NP_689830
MIM	612688

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UniProt ID

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