

Recombinant Human RNF168 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RNF168-2245H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RNF168 MS Standard C13 and N15-labeled recombinant protein (NP_689830) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	65 kDa
AA Sequence	MALPKDAIPSLSECQCGICMEILVEPVTLPCHNHTLCKPCFQSTVEKASLCCPFCRRR VSSWTRYHTRRNSLVNVELWTIIQKHYPRECKLRASGQESEEVADDYQPVRLLSKP GELRREYEEEEISKVAAERRASEEEEEENKASEEYIQRLLAEKEEKEKRAEKRRRAMEE QLKSDEELARKLSIDINNFCESISASPLNSRKSDPVTTPKSEKSKKNKQRTGDIQKY LTPKSQFGSASHSEAVQEVKDSVSKDIDSSDRKSPTGQDTEIEDMPTLSPQISLGV GEQGADSSIESPMPWLCACGAEWYHEGNVKTSPNHGKELCVLSHERPKTRVPYS KETAVMPCGRTESGCAPTSGVTQTNGNNTGETENEESCLLISKEISKRKNQESSFE AVKDPCFSAKRRKVSPESPQDEETEINFQTQLIDLEHLLFERHKQEEQDRLLALQL QKEVDKEQMVPNRQKGSPDEYHLRATSSPPDKVLNGQRKNPKDGNFKRQTHTKH

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	PTPERGSRDKNRQVSLKMQLKQSVNRRKMPNSTRDHCKVSKSAHSLQPSISQKSV FQMFQRCTKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RNF168 ring finger protein 168 [Homo sapiens (human)]
Official Symbol	RNF168
Synonyms	RNF168; ring finger protein 168, E3 ubiquitin protein ligase; ring finger protein 168; E3 ubiquitin-protein ligase RNF168; FLJ35794; FLJ39749;
Gene ID	165918
mRNA Refseq	NM_152617
Protein Refseq	NP_689830
MIM	612688

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UniProt ID

Q8IYW5

SDS-PAGE

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