Recombinant Human RNF123 protein, His-tagged

Cat. No. RNF123-156H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNF123(12-358aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	12-358 a.a.
Description	The protein encoded by this gene contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions.
Form	2HPO4, 17 mM NaH2PO4, 68 mM NaCl, pH8.0), added with 300 mM Imidazole and 0.7% sarcosyl, 15% glycerol.
AA Sequence	RKSYRLTSDAEKSRVTGIVQEKLLNDYLNRIFSSSEHAPPAATSRKPLNFQNLPEHLD QLLQVDNEEEESQGQVE GRLGPSTVVLDHTGGFEGLLLVDDDLLGVIGHSNFGTIR STTCVYKGKWLYEVLISSQGLMQIGWCTISCRFNQE EGVGDTHNSYAYDGNRVRK WNVTTTNYGKAWAAGDIVSCLIDLDDGTLSFCLNGVSLGTAFENLSRGLGMAYFPA I SLSFKESVAFNFGSRPLRYPVAGYRPLQDPPSADLVRAQRLLGCFRAVLSVELDPV EGRLLDKESSKWRLRGQP TVLLTLAHIFHHFAPLLRKVYLVEAVLMSFLLGIVEKGTP TQAQSVV
Stability	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	thaw cycles.
Storage	Storage of Reconstituted ProteinShort-term storage: Store at 2-8 centigrade for two weeks.Long-term storage: Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/µl in 200 µl sterile water for short-term storage.Reconstitution with 200 µl 50% glycerol soluAon is recommended for longer term storage (see Stability and Storage for more details).If a different concentraAon is needed for your purposes please adjust the reconsAtuAon volume as required (please note: the ion concentration of the final soluAon will vary according to the volume used).Note: Centrifuge vial before opening. When reconsAtuAng, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into soluAon.

GENE INFORMATION

Gene Name	RNF123 ring finger protein 123 [Homo sapiens]
Official Symbol	RNF123
Synonyms	RNF123; ring finger protein 123; E3 ubiquitin-protein ligase RNF123; FLJ12565; kip1 ubiquitination-promoting complex protein 1; KPC1; FP1477; MGC163504; DKFZp686C2222;
Gene ID	63891
mRNA Refseq	NM_022064
Protein Refseq	NP_071347

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MIM	614472
UniProt ID	Q5XPI4
Chromosome Location	3p24.3
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	ligase activity; metal ion binding; zinc ion binding;

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