

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	2HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH8.0), added with 300 mM Imidazole and 0.7% sarcosyl, 15% glycerol.
AA Sequence	RKS YRLTSDAEKSRVTGIVQE KLLNDYLNRI FSSSEHAPPAATSRKPLNFQNLPEHLD QLLQVDNEEEESQGQVE GRLGPSTVVDHTGGFEGLLLVDDDLLGVIGHSNFGTIR STTCVYK GKWLYEVLIS SQGLMQIGWCTISCRFNQE EGVGDTHNSYAYDGNRVRK WNVTTTNYGKAWAAGDIVSCLIDLDGTL SFCLNGVSLGTAFENLSRGLGMAYFPA I SLSFKESVAFNFGSRPLRYPVAGYRPLQDPPSADLVRAQRLLGCFRAVL SVELDPV EGRLLDKES SKWRLRGQP TVLLTLAHIFHHFAPLLRKVYLVEAVLMSFLLGIVEK GTP TQAQSVV
Stability	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze

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thaw cycles.

Storage

Storage of Reconstituted Protein
Short-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 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

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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