

Recombinant Human Ring Finger Protein 181, His-tagged

Cat. No. RNF181-7149H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RNF181 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 20.3 kDa.
Species	Human
Source	E.coli
ProteinLength	1-153aa
Description	E3 ubiquitin-protein ligase RNF181, also known as RNF181, accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.
Molecular Mass	20.3 kDa (176aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMASYFDE HDCEPSDPEQ ETRTNMLLEL ARSLFNRMDF EDLGLVVDWD HHLPPPAAKT VVENLPRTVI RGSQAELKCP VCLLEFEEEE TAIEMPCHHL FHSSCILPWL SKTNSCPLCR YELPTDDDTY EEHRRDKARK QQQQHRLENL HGAMYT
Purity	>95% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	RNF181 ring finger protein 181 [Homo sapiens]
Official Symbol	RNF181
Synonyms	RNF181; ring finger protein 181; E3 ubiquitin-protein ligase RNF181; HSPC238;
Gene ID	51255
mRNA Refseq	NM_016494
Protein Refseq	NP_057578
MIM	612490
UniProt ID	Q9P0P0
Chromosome Location	2p11.2
Function	ligase activity; metal ion binding; zinc ion binding;

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