

## Recombinant Human Ring Finger Protein 181, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-153aa
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.
<b>Molecular Mass</b>	20.3 kDa (176aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSMASYFDE HDCEPSDPEQ ETRTNMELLE ARSLFNRMDF EDLGLVVDWD HHLPPAAKT VVENLPRTVI RGSQAELKCP VCLLEFEEEE TAIEMPCHHL FHSSCILPWL SKTNSCPLCR YELPTDDDTY EEHRRDKARK QQQQHRLENL HGAMYT
<b>Purity</b>	>95% by SDS - PAGE

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<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)

## GENE INFORMATION

<b>Gene Name</b>	RNF181 ring finger protein 181 [ Homo sapiens ]
<b>Official Symbol</b>	RNF181
<b>Synonyms</b>	RNF181; ring finger protein 181; E3 ubiquitin-protein ligase RNF181; HSPC238;
<b>Gene ID</b>	<a href="#">51255</a>
<b>mRNA Refseq</b>	<a href="#">NM_016494</a>
<b>Protein Refseq</b>	<a href="#">NP_057578</a>
<b>MIM</b>	<a href="#">612490</a>
<b>UniProt ID</b>	<a href="#">Q9P0P0</a>
<b>Chromosome Location</b>	2p11.2
<b>Function</b>	ligase activity; metal ion binding; zinc ion binding;

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