

Recombinant Human zinc ribbon domain containing 1, His-tagged

Cat. No. ZNRD1-318H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ZNRD1, 1-126aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-126 a.a.
Description	ZNRD1 is a protein with similarity to the Saccharomyces cerevisiae Rpa12p subunit of RNA polymerase I. Alternate splicing of this gene results in two transcript variants encoding the same protein. Additional splice variants have been described, but their full-length sequences have not been determined. Recombinant human ZNRD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	16.3 kDa (149aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMVMDLA NTCSSFQSDL DFCSDCGSVL PLPGAQDTV T CIRCGFNINV RDFEGKVVK T SVVFHQLGTA MPMSVEEGPE CQGPVVD RRC PRCGHEGMAY HTRQMRSAD E GQTVFYTCTN CKFQEKEDS

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Purity	>95% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	ZNRD1 zinc ribbon domain containing 1 [Homo sapiens]
Official Symbol	ZNRD1
Synonyms	ZNRD1; zinc ribbon domain containing 1; zinc ribbon domain containing, 1; DNA-directed RNA polymerase I subunit RPA12; HTEX 6; hZR14; RPA12; tctex 6; zinc ribbon domain-containing protein 1; transcription-associated zinc ribbon protein; RNA polymerase I small specific subunit Rpa12; TEX6; Rpa12; HTEX-6; tctex-6; MGC13376;
Gene ID	30834
mRNA Refseq	NM_014596
Protein Refseq	NP_055411
MIM	607525
UniProt ID	Q9P1U0
Chromosome Location	6p21

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Pathway	Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem; RNA polymerase, organism-specific biosystem; RNA polymerase, conserved biosystem;
Function	DNA-directed RNA polymerase activity; metal ion binding; nucleic acid binding; zinc ion binding;

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