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## Product Data Sheet

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Product Name: ZNRD1 Human  
 Cat. No.: GP25045  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Zinc Ribbon Domain Containing 1; Zinc Ribbon DomainContaining; 1; HTEX-6; Rpa12; TEX6; ZR14; DNA-Directed RNA Polymerase I SubunitRPA12; hZR14; RNA Polymerase I Small Specific Subunit Rpa12; tctex-6; Transcription-AssociatedZinc Ribbon Protein; RPA12; Zinc Ribbon Domain-Containing Protein 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSVMDLA NTCSSFQSDL DFCSDCGSVL PLPGAQDTVT CIRCGFNINV RDFEGKVVKT SVVFHQLGTA MPMSVEEGPE CQGPVDRRC PRCGHEGMAY HTRQMRSAD E GQTVFYTCTN CKFQEKEDS		
Formulation	ZNRD1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

### Introduction

ZincRibbon Domain Containing 1 (ZNRD1) is a protein which shows similarity to theSaccharomyces cerevisiae Rpa12p subunit of RNA polymerase I. ZNRD1 contains two potentialzinc-binding motifs and takes part in regulation of cell proliferation. ZNRD1is involved in cancer and human immunodeficiency virus progression. Alternatesplicing of this gene results in two transcript variants encoding the sameprotein. Additional splice variants have been found, but their full-lengthsequences have not been determined.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.

### Background

ZNRD1 Human Recombinant produced in E.Coli is a single,non-glycosylated polypeptide

**Caution: Product has not been fully validated for medical applications. For research use only.**

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chain containing 149 amino acids (1-126a.a) and having a molecular mass of 16.3kDa. ZNRD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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