

Recombinant human ZNRD1 protein

Catalog Number: ATGP2401

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-126aa

UniProt No.

Q9P1U0

NCBI Accession No.

NP_740753

Alternative Names

Zinc ribbon domain containing 1, Zinc ribbon domain containing 1, HTEX-6, hZR14, Rpa12, tctex-6, TEX6

PRODUCT SPECIFICATION

Molecular Weight

16.3 kDa (149aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

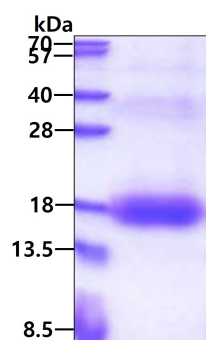
<MGSSHHHHHH SSGLVPRGSH MGS>MSVMDLA NTCSSFQSDL DFCSDCGSVL PLPGAQDTVT CIRCGFNINV
RDFEGKVVKT SVVFHQLGTA MPMSVEEGPE CQGPVVDRC PRCGHEGMAY HTRQMRSAD E GQTVFYTCTN CKFQEKEDS

General References

Fan W., et al. (2000) Genomics. 63:139-141
Shi Y., et al. (2004) Cancer Biol. Ther. 3:377-381

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.