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.



Amino acid Sequence

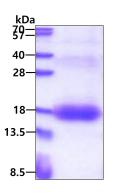
<MGSSHHHHHH SSGLVPRGSH MGS>MSVMDLA NTCSSFQSDL DFCSDCGSVL PLPGAQDTVT CIRCGFNINV RDFEGKVVKT SVVFHQLGTA MPMSVEEGPE CQGPVVDRRC PRCGHEGMAY HTRQMRSADE GQTVFYTCTN CKFQEKEDS

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.

