

# Recombinant human TATDN3 protein

Catalog Number: ATGP1538

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-274aa

### UniProt No.

Q17R31

### NCBI Accession No.

NP\_001036017

### Alternative Names

TatD DNase domain containing 3, Putative deoxyribonuclease TATDN3 isoform 1

## PRODUCT SPECIFICATION

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### Molecular Weight

32.9 kDa (298aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT

### Purity

> 90% 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

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### Description

TatD DNase domain containing 3, also known as TATDN3, belong to the large superfamily of metalloenzymes. Recombinant human TATDN3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMMRAAGV GLVDCHCHLS APDFDRDLDD VLEKAKKANV VALVAVAEHS  
GEFEKIMQLS ERYNGFVLPC LGVHPVQGLP PEDQRSVTLK DLDVALPIIE NYKDRLLAIG EVGLDFSPRF AGTGGEQKEEQ

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RQVLIRQIQL AKRLNLPVNV HRSAGRPTI NLLQEQGAEK VLLHAFDGRP SVAMEGVRAG YFFSIPPSII RSGQKQKLVK  
QLPLTSICLE TDSPALGPEK QVRNEPWNIS ISAHEYIAQVK GISVEEVIEV TTQNALKLFP KLRHLLQK

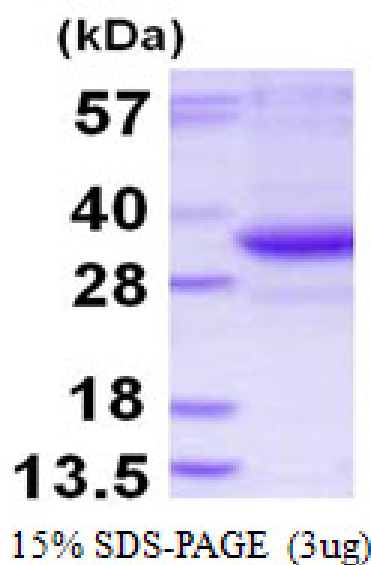
## General References

Seim I., et al. (2008) BMC Mol Biol. 9:95.

## DATA

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### SDS-PAGE



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