

# Recombinant human TATDN1 protein

Catalog Number: ATGP2934

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-297aa

### UniProt No.

Q6P1N9

### NCBI Accession No.

NP\_114415

### Alternative Names

Putative deoxyribonuclease TATDN1, CDA11

## PRODUCT SPECIFICATION

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### Molecular Weight

36.0 kDa (320aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing, 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

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### Description

TATDN1 belongs to the TatD DNase family. This protein binds 2 divalent metal cations per subunit and is a putative deoxyribonuclease. Recombinant human TATDN1 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 MGSMSRFKFI DIGINLTDPM FRGIYRGVQK HQDDLQDVIG RAVEIGVKKF MITGGNLQDS  
KDALHLAQTN GMFFSTVGCH PTRCGEFEKN NPDLYLKELL NLAENKGVKVAIGECGLDF DRLQFCPKDT QLKYFEKQFE

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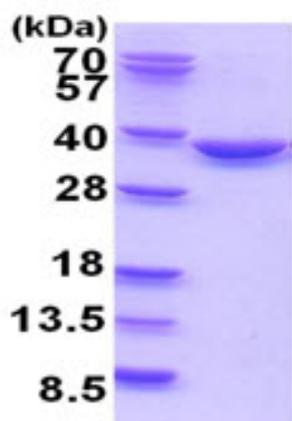
LSEQTKLPMF LHCNRNSHAEF LDIMKRNDR CVGGVVHSFD GTKEAAAALI DLDLYIGFNG CSLKTEANLE VLKSIPSEKL  
MIETDAPWCG VKSTHAGSKY IRTAFPTKKK WESGHCLKDR NEPCHHIQL EIMSAVRDED PLELANTLYN NTIKVFFPGI

## General References

Zhou H., et al. (2008) Cell Host Microbe. Nov 13  
4(5):495-504

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)