

Recombinant human TATDN1 protein

Catalog Number: ATGP2934

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-297aa

UniProt No.

Q6P1N9

NCBI Accession No.

NP_114415

Alternative Names

Putative deoxyribonuclease TATDN1, CDA11

PRODUCT SPECIFICATION

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

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 SSGLVPRGSH MGSMRKFKEI DIGINLTDPM FRGIYRGVQK HQDDLQDVIG RAVEIGVKKF MITGGNLQDS
KDALHLAQTN GMFFSTVGCH PTRCGEFKKN NPDLYLKELL NLAENNKGVK VAIGECGLDF DRLQFCPKDT QLKYFEKQFE

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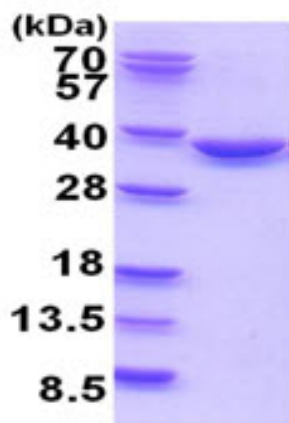
LSEQTKLPMF LHCNRNSHAEF LDIMKRNRRDR CVGGVVHSFD GTKEAAAALI DLDLYIGFNG CSLKTEANLE VLKSIPSEKL
MIETDAPWCG VKSTHAGSKY IRTAFPTKKK WESGHCLKDR NEPCHHIQL EIMSAVRDED PLELANTLYN NTIKVFFPGI

General References

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

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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