

Recombinant Human TatD DNase Domain Containing 3, His-tagged

Cat. No. TATDN3-6771H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanTATDN3 protein, fused to His-tag at N-terminus, was expressed in E.coli andpurified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	TatD DNase domaincontaining 3, also known as TATDN3, belong to the large superfamily ofmetalloenzymes.
Form	Liquid. In 20mMTris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol,1mM DTT
Molecular Weight	32.9 kDa (298aa),confirmed by MALDI-TOF
Purity	> 90% by SDS -PAGE
Concentration	0.5 mg/ml(determined by Bradford assay)
Sequences of aminoacids	MGSSHHHHHHSSGLVPRGSH MGSHMRAAGV GLVDCHCHLS APDFDRDLDD VLEKAKKANV VALVAVAEHS GEFEKIMQLSERYNGFVLPC LGVHPVQGLP PEDQRSVTLK DLDVALPIIE NYKDRLLAIG EVGLDFSPRF AGTGEQKEEQRQVLIRQIQL AKRLNLPVNV HRSAGRPTI NLLQEQAEEK VLLHAFDGRP SVAMEGVRAG YFFSIPPSIIRSGQKQKLVK QLPLTSICLE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TDSPALGPEK QVRNEPWNIS ISAEYIAQVK GISVEEVIEV
TTQNALKLFPKLRHLLQK

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

TATDN3TatD DNase domain containing 3 [Homo sapiens]

Official Symbol

TATDN3

Synonyms

TATDN3; TatD DNase domaincontaining 3; putative deoxyribonuclease TATDN3; MGC142198; Putativedeoxyribonuclease TATDN3; TatD DNase domain containing 31

Gene ID

128387

mRNA Refseq

NM_001146169

Protein Refseq

NP_001139641

Uniprot ID

Q17R31

**Chromosome
Location**

1q32.3

Function

endodeoxyribonuclease activity,producing 5-phosphomonoesters; hydrolase activity; metal ion binding;nuclease activity

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