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 HSRSAGRPTI NLLQEQGAEK VLLHAFDGRP SVAMEGVRAG YFFSIPPSIIRSGQKQKLVK QLPLTSICLE

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	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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