

Recombinant Human TATDN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TATDN1-3649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TATDN1 MS Standard C13 and N15-labeled recombinant protein (NP_114415) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	TATDN1 (TatD DNase Domain Containing 1) is a Protein Coding gene. Diseases associated with TATDN1 include Lung Cancer and Non-Invasive Bladder Urothelial Carcinoma. Gene Ontology (GO) annotations related to this gene include deoxyribonuclease activity and endodeoxyribonuclease activity, producing 5'-phosphomonoesters. An important paralog of this gene is TATDN2.
Molecular Mass	33.6 kDa
AA Sequence	MSRFKFDIGINLTDPMFRGIYRGVQKHQDDLQDVIGRAVEIGVKKFMITGGNLQDSK DALHLAQTNMGFFSTVGCHPTRCGEFEKNNPDLYLKELLNLAENNKGVVAIGECG LDFDRLQFCPKDTQLKYFEKQFELSEQTKLPMFLHCRNSHAEFLDITKRNDRCVG GVVHSFDGTKEAAAALIDLIDLYIGFNGCSLKTEANLEVLKSIPSEKLMIEDAPWCGV KSTHAGSKYIRTAFTPTKKKWESGHCLKDRNEPCHIIQILEIMSAVRDEDPLELANTLY NNTIKVFFPGITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TATDN1 TatD DNase domain containing 1 [Homo sapiens (human)]
Official Symbol	TATDN1
Synonyms	TATDN1; TatD DNase domain containing 1; putative deoxyribonuclease TATDN1; CDA11; hepatocarcinoma high expression protein; FLJ43280;
Gene ID	83940
mRNA Refseq	NM_032026
Protein Refseq	NP_114415
UniProt ID	Q6P1N9

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SDS-PAGE

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