
Product Data Sheet

Product Name: TATDN1 Human
 Cat. No.: GP24780
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TatD DNase Domain Containing 1; Hepatocarcinoma High Expression Protein; Putative Deoxyribonuclease TATDN1; EC 3.1.21; CDA11; TATDN1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSRFKFI DIGINLTDPM FRGIYRGVQK HQDDLQDVIG RAVEIGVKKF MITGGNLQDS KDALHLAQTN GMFFSTVGCH PTRCGEFEKN NPDLYLKELL NLAENKKGKV VAIGECGLDF DRLQFCPKDT QLKYFEKQFE LSEQTKLPMF LHCRNSHAEF LDIMKRNRDR CVGGVVHSFD GTKEAAAALI DLDLYIGFNG CSLKTEANLE VLKSIPSEKL MIETDAPWCG VKSTHAGSKY IRTAFPTKKK WESGHCLKDR NEPCHIIQIL EIMSAVRDED PLELANTLYN NTIKVVFFPGI.		
Formulation	TATDN1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.		

Introduction

TatDDNase Domain Containing 1, also known as TATDN1, is a protein coding gene which is a part of the TatD DNase family. TATDN1 which is a deoxyribonuclease binds two divalent metal cations per subunit.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TATDN1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 320 amino acids (1-297 a.a) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 36kDa. TATDN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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