

TatD DNase Domain Containing 1 Human Recombinant

Item Number	rAP-4255
Synonyms	TatD DNase Domain Containing 1, Hepatocarcinoma High Expression Protein, Putative Deoxyribonuclease TATDN1, EC 3.1.21, CDA11, TATDN1.
Description	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 of 36kDa. TATDN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q6P1N9
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGMSRKF I DIGINLTDPM FRGIYRGVQK HQDDLQDVG RAVEIGVKKF MITGGNLQDS KDALHLAQTN GMFFSTVGCH PTRCGEFKN NPDLYLKELL NLAENN- KGV VAIGECGLDF DRLQFCPKDT QLKYFEKQFE LSEQTKLPMF LHCRNSHAEF LDIMKRNDR CVGGVVHSFD GTKEAAAALI DLDLYIGFNG CSLKTEANLE VLKSIPSEKL MIETDAPWCG VKSTHAGSKY IRTAFPTKKK WESGHCLKDR NEPCHIIQIL EIMSAVRDED PLELANTLYN NTIKVFFPGI.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	TATDN1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**