

TATDN1, 1-297aa, Human, His tag, E.coli

Cat.NO.: TP04149

3th Edition

Synonyms:Putative deoxyribonuclease TATDN1, CDA11

Description:TATDN1 belongs to the TatD DNase family. This protein binds 2 divalent metal cations per subunit and is a putative deoxyribonuclease. Recombinant human TATDN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate buffered saline (pH7.4) containing, 10% glycerol, 1mM DTT

Molecular Weight:36.0 kDa (320aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMRKFIDIGINLTDPMFRGIYRGVQKHQDDLQDVIGRAVEIGVKKFMITGGN
LQDSKDALHLAQTNGMFFSTVGCHPTRCGEFKNNPDLYLKELLNLAENNKGVVAIGECGLDFDRLQFCPKDTQL
KYFEKQFELSEQTKLPMFLHCRNSHAFLDIMKRNRDRCVGGVVHSFDGTKEAAAALIDLIDLYIGFNGCSLKTEANL
EVLKSIPSEKLMIEDAPWCGVKSTHAGSKYIRTAFTPTKKKWESGHCLKDRNEPCHIIQILEIMSAVRDEDPLELANTL
YNNTIKVFFPGI

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.