
Product Data Sheet

Product Name: TATDN3 Human
 Cat. No.: GP22284
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TatD DNase domain containing 3; putative deoxyribonuclease TATDN3; EC 3.1.21.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMRAAGV GLVDCHCHLS APDFDRDLDD VLEKAKKANV VALVAVAEHS GEFEKIMQLS ERYNGFVLPC LGVHPVQGLP PEDQRSVTLK DLDVALPIIE NYKDRLLAIG EVGLDFSPRF AGTGEQKEEQ RQVLIRQIQL AKRLNLPVNV HRSAGRPTI NLLQEQGAEK VLLHAFDGRP SVAMEGVRAG YFFSIPPSII RSGQKQKLVK QLPLTSICLE TDSPALGPEK QVRNEPWNIS ISAEYIAQVK GISVEEVIEV TTQNALKLFP KLRHLLQK		
Formulation	The TATDN3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 200mM NaCl and 20% glycerol.		

Introduction

TATDN3 is a member of the great superfamily of metalloenzymes. TATDN3 binds 2 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

SULT1B1 Human Recombinant produced in E. coli is a single polypeptide chain containing 320 amino acids (1-296) and having a molecular mass of 37.4kDa. SULT1B1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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