

Datasheet for ABIN7279522
NT5M Protein (AA 32-228) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	NT5M
Protein Characteristics:	AA 32-228
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NT5M protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	NT5M, 32-228aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	NT5M
Alternative Name:	NT5M (NT5M Products)
Background:	<p>NT5M, also known as DNT2, belongs to the 5'(3')-deoxyribonucleotidase family. It localizes to the mitochondrial matrix. This enzyme dephosphorylates the 5'- and 2'(3')-phosphates of uracil and thymine deoxyribonucleotides. The gene is located on chromosome 17 p11.2 in the critical region deleted in the Smith-Magenis syndrome (SMS), a genetic disease of unknown etiology.</p> <p>Recombinant human NT5M protein, fused to His-tag at N-terminus, was expressed in E.coli and</p>

Target Details

purified by using conventional chromatography. Synonyms: 5' (3')-deoxyribonucleotidase, mitochondrial, DNT2. NCBI no.: NP_064586

Molecular Weight: 25.1 kDa (218aa), confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

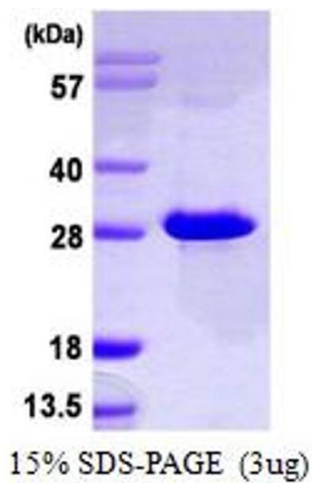
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Storage: 4 °C

Images



SDS-PAGE

Image 1.