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Datasheet for ABIN7544338

**DNTTIP1 Protein (AA 1-329) (His tag)**

## Overview

Quantity:	1 mg
Target:	DNTTIP1
Protein Characteristics:	AA 1-329
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNTTIP1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant DNTTIP1 Protein expressed in mammalian cells.
Sequence:	MGATGDAEQP RGPSPAERGG LELGDAGAAG QLVL TNPWNI MIKHRQVQRR GRRSQMTTSF TDPAISMDLL RAVLQPSINE EIQTVFNKYM KFFQKAALNV RDNVGEEDA EQLIQEACRS CLEQAKLLFS DGEKVIPRLT HELPGIKRGR QAEEECAHRG SPLPKKRKGR PPGHILSSDR AAAGMVWPKP SCEPIRREGP KWDPARLNES TTFVLGSRAN KALGMGGTRG RIYIKHPHLF KYAADPQDKH WLAEQHMHMRA TGGKMAYLLI EEDIRDLAAS DDYRGCLDLK LEELKSFVLP SWMVEKMRKY METLRTENEH RAVEAPPQT <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	DNTTIP1
Alternative Name:	<a href="#">DNTTIP1 (DNTTIP1 Products)</a>
Background:	Deoxynucleotidyltransferase terminal-interacting protein 1 (Terminal deoxynucleotidyltransferase-interacting factor 1) (TdlF1) (TdT-interacting factor 1),FUNCTION: Increases DNTT terminal deoxynucleotidyltransferase activity (in vitro) (PubMed:11473582). Also acts as a transcriptional regulator, binding to the consensus sequence 5'-GNTGCATG-3' following an AT-tract. Associates with RAB20 promoter and positively regulates its transcription. Binds DNA and nucleosomes, may recruit HDAC1 complexes to nucleosomes or naked DNA. {ECO:0000269 PubMed:11473582, ECO:0000269 PubMed:23874396, ECO:0000305 PubMed:25653165}.
Molecular Weight:	37.0 kDa
UniProt:	<a href="#">Q9H147</a>

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## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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