

Datasheet for ABIN7544203
DNTTIP2 Protein (AA 1-756) (His tag)



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Overview

Quantity:	1 mg
Target:	DNTTIP2
Protein Characteristics:	AA 1-756
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNTTIP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DNTTIP2 Protein expressed in mammalian cells.
Sequence:	MVTRSARAK ASIQAASAES SGQKSFAANG IQAHPESSSTG SDARTTAESQ TTGKQSLIPR TPKARKRKSR TTGSLPKGTE PSTDGETSEA ESNYSVSEHH DTILRVTRRR QILIACSPVS SVRKKPKVTP TKESYTEEIV SEAESHVSGI SRIVLPTEKT TGARRSKAKS LTDPSQESHT EAISDAETSS SDISFSGIAT RRTRSMQRKL KAQTEKKDSK IVPGNEKQIV GTPVNSESDS TRQTSHLQAR SLSEINKPNF YNNDFFDDDFS HRSSENILTV HEQANVESLK ETKQNCKDLD EDANGITDEG KEINEKSSQL KNLSELQDTS LQQLVSQRHS TPQNKNAVSV HSNLNSEAVM KSLTQTFATV EVGRWNNKK SPIKASDLTK FGDCGGSDD EESTVISVSE DMNSEGNVDF ECDTKLYTSA PNTSQGKDNS VLLVLSSDES QQSENSENEE DTLCFVENSG QRESLSGDTG SLSCDNALFV IDTTPGMSAD KNFYLEEEDK ASEVAIEEEK EEEDEKSEE DSSDHENED EFSDEEDFLN STKAKLLKLT SSSIDPGLSI KQLGGLYINF NADKLQSNKR TLTQIKEKKK NELLQKAVIT PDFEKNHCVP PYSESKYQLQ KKRRKERQKT AGDGWFGMKA PEMTNELKND LKALKMRASM DPKRFYKKND RDGFPHYFQI GTIVDNPADF YHSRIPKKQR KRTIVEELLA

Product Details

DSEFRRYNRR KYSEIMAEKA ANAAGKKFRK KKKFRN **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.**

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:**

- 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.

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

Grade: custom-made

Target Details

Target: DNNTIP2

Alternative Name: DNNTIP2 ([DNNTIP2 Products](#))

Background: Deoxynucleotidyltransferase terminal-interacting protein 2 (Estrogen receptor-binding protein) (LPTS-interacting protein 2) (LPTS-RP2) (Terminal deoxynucleotidyltransferase-interacting factor 2) (TdiF2) (TdT-interacting factor 2),FUNCTION: Regulates the transcriptional activity of DNNT and ESR1. May function as a chromatin remodeling protein (PubMed:12786946, PubMed:15047147). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with

Target Details

the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797). {ECO:0000269|PubMed:12786946, ECO:0000269|PubMed:15047147, ECO:0000269|PubMed:34516797}.

Molecular Weight: 84.5 kDa

UniProt: [Q5QJE6](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months