

Datasheet for ABIN7559696
DNTTIP2 Protein (AA 1-758) (His tag)



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Overview

Quantity:	1 mg
Target:	DNTTIP2
Protein Characteristics:	AA 1-758
Origin:	Mouse
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:	MVVTRSGLSR TRLQESSQK RSAPRRIGTH LESTKESGSD GSTAESQPAE KQHSRSSRT TGPAEIVLI SDDEASETES HTSGVTSVLE DQEPVVRVTR KRQIVIASTS KSTVRKRQKV APQHASADEV VVSEAESHSV GVSMMVVPSTE RSSRNKANSQ RDSSQESQSG TVSDAELSCS GISSLEILPR TTARNVKKKL QFPAEKNDTK ITPGNKKQIV GMSVCSESD ATQLSARPLS QRNMPNVSDS ETYNSDFDDS SPRNSGKLT AQNHQNLHIQ EEKRANVSL TEVRKENCKS LDEEDLKITE EKVINEKDSQ RSLSEAQDTS LQSVSQNHS STPNKKPTFQ LSSPDRKALM KSLEHKFAV NVERWNDKRG GSGKSDLAQ LGGGGGGGDD NEPTGAGISD DKSSQSGVPL ECDTKPCKSE LSMTQDTTDS PVLLFLSSDE SQQSDSENE RDTLCSVENN GQKEASAEDL EDAACDSALF VIDKTPGLSA DKNFYLEDKA PSEVAIEEEK EEEEEEEENS EEDSSSDEN KDESSDEEDL LSNTKSKLLK LTSSSIDPGL NIKQLGGLYI NFNVDKLQPH KETLTQIKEK KKNELLQKAV ITPDFEKKHC VPPYSESKHR LQKQRRKERQ KTAGNGWFGM KAPELTDELK NDLRALKMRA GMDPKRFYKK NDRDGFPHYF QVGTIVDNPA DFYHSRIPKK QRKKTIVEEL

Product Details

LADSEFRRFN RRYSEIMAE KAANAEGKKF KKKKKFRN **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: DNTTIP2

Alternative Name: Dnttip2 ([DNTTIP2 Products](#))

Background: Deoxynucleotidyltransferase terminal-interacting protein 2,FUNCTION: Regulates the transcriptional activity of DNTT and ESR1. May function as a chromatin remodeling protein. 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 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.

Target Details

{ECO:0000250|UniProtKB:Q5QJE6}.

Molecular Weight: 84.3 kDa

UniProt: [Q8R2M2](#)

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