

Datasheet for ABIN7553681
DMP1 Protein (AA 1-760) (His tag)



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Overview

Quantity:	1 mg
Target:	DMP1 (DMTF1)
Protein Characteristics:	AA 1-760
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DMP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DMTF1 Protein expressed in mammalian cells.
Sequence:	MSTVEEDSDT VTVETVNSVT LTQDTEGNLI LHCPQNEADE IDSEDSIEPP HKRLCLSSD DQSIDDSTPC ISVVALPLSE NDQSFVMT ATTEVADDEV TEGTVTQIQI LQNEQLDEIS PLGNEEVS AV SQAWFTTKED KDSL TNKGHK WKQGMWSKEE IDILMNNIER YLKARGIKDA TEIFEMSKD ERKDFYRTIA WGLNRPLFAV YRRVLRMYDD RNHVGKYTPE EIEKLELRI KHGNDWATIG AALGRSASSV KDRCLMKDT CNTGKWTEEE EKRLAEVHE LTSTEPGDIV TQGVSWAAVA ERVGRSEKQ CRSKWLNLYN WKQSGGTEWT KEDEINLILR IAELDVADEN DINWDLAEG WSSVRSPQWL RSKWWTIKRQ IANHKDVSFP VLIKGLKQLH ENQKNNPTLL ENKSGSGVPN SNTNSSVQHV QIRVARLEDN TAIS SSPMAA LQIPVQITHV SSADSPATVD SETITLNSGT LQTFEILPSF HLQPTGTPGT YLLQTSSSQG LPLTLTASPT VLTAAAPAS PEQIIVHALS PEHLLNTSDN VTVQCHTPRV IIQTVATEDI TSSISQAELT VDSIQSSDF PEPPDALEAD TFPDEIHHPK MTVEPSFNDA HVS KFSDQNS TELMNSVMVR TEEIISDTDL KQEEPSDLA SAYVTEGLES PTIEEQVDQT IDDETILIVP SPHGFQASD VIDTESVLPL

Product Details

TTLTDPIQLH HQEESNIIGS SLGSPVSEDS KDVEDLVNCH **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: DMP1 (DMTF1)

Alternative Name: DMTF1 ([DMTF1 Products](#))

Background: Cyclin-D-binding Myb-like transcription factor 1 (hDMTF1) (Cyclin-D-interacting Myb-like protein 1) (hDMP1),FUNCTION: Transcriptional activator which activates the CDKN2A/ARF locus in response to Ras-Raf signaling, thereby promoting p53/TP53-dependent growth arrest (By similarity). Binds to the consensus sequence 5'-CCCG[GT]ATGT-3' (By similarity). Isoform 1 may cooperate with MYB to activate transcription of the ANPEP gene. Isoform 2 may antagonize transcriptional activation by isoform 1. {ECO:0000250, ECO:0000269|PubMed:12917399}.

Target Details

Molecular Weight: 84.5 kDa

UniProt: [Q9Y222](#)

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