

Datasheet for ABIN7562253

NFATC2IP Protein (AA 1-412) (His tag)



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Overview

Quantity:	1 mg
Target:	NFATC2IP
Protein Characteristics:	AA 1-412
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFATC2IP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Nfatc2ip Protein expressed in mammalien cells.
Sequence:	<p>MAEPLRGRGP RSRGGRGARR ARGARGRCPR ARQSPARLIP DTVLVDLVSD SDEEVLEVAD</p> <p>PVEVPVARLP APAKPEQDSD SDSEGAAEGP AGAPRTLVRP RRRRLDPGE APVVPVYSGK</p> <p>VQSSLNLIPD NSSLLKLCPS EPEDEADLTN SGSSPSEDDA LPSGSPWRKK LRKKCEKEEK</p> <p>KMEEFDPQDI SPLPQPSSRN KSRKHTEALQ KLREVNKRLQ DLRSCLSPKQ HQSPALQSTD</p> <p>DEVVLVEGPV LPQSSRLFTL KIRCRADLVR LPVRMSEPLQ NVVDHMANHL GVSPNRILL</p> <p>FGEELSPTA TPSTLKLGA DIIDCVLAS SSEATETSQE LRLRVQGKEK HQMLEISLSP</p> <p>DSPLKVLMSH YEEAMGLSGH KLSFFFDGK LSGKELPADL GLESGDLIEV WG 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.</p>
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot

Grade: custom-made

Target Details

Target: NFATC2IP

Alternative Name: Nfatc2ip ([NFATC2IP Products](#))

Background: NFATC2-interacting protein (45 kDa NF-AT-interacting protein) (45 kDa NFAT-interacting protein) (Nuclear factor of activated T-cells, cytoplasmic 2-interacting protein),FUNCTION: In T-helper 2 (Th2) cells, regulates the magnitude of NFAT-driven transcription of a specific subset of cytokine genes, including IL3, IL4, IL5 and IL13, but not IL2. Recruits PRMT1 to the IL4 promoter, this leads to enhancement of histone H4 'Arg-3'-methylation and facilitates subsequent histone acetylation at the IL4 locus, thus promotes robust cytokine expression. Down-regulates formation of poly-SUMO chains by UBE2I/UBC9. {ECO:0000269|PubMed:20077568, ECO:0000269|PubMed:20133688}.

Molecular Weight: 45.1 kDa

UniProt: [009130](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. 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