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Datasheet for ABIN7549805
NFYA Protein (AA 1-347) (His tag)

Overview

Quantity:	1 mg
Target:	NFYA
Protein Characteristics:	AA 1-347
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFYA protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NFYA Protein expressed in mammalian cells.
Sequence:	MEQYTANSNS STEQIVVQAG QIQQQQGGV TAVQLQTEAQ VASASGQQVQ TLQVVQGQPL MVQVSGGQLI TSTGQPIMVQ AVPGGQGQTI MQVPVSGTQG LQQIQLVPPG QIQIQGGQAV QVQGQQGQTQ QIIQQPQTA VTAGQTQTQQ QIAVQGGQVA QTAEGQTIVY QPVNADGTIL QQVTVPVSGM ITIPAASLAG AQIVQTGANT NTTSSGQGTV TVTLPVAGNV VNSGGMVMMV PGAGSVPAIQ RIPLPGAEML EEEPLYVNAK QYHRILKRRQ ARAKLEAEGK IPKERRKYLH ESRHRHAMAR KRGEGRFFS PKEKDSPHMV DPNQADEEAM TQIRVS 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:

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	NFYA
Alternative Name:	NFYA (NFYA Products)
Background:	Nuclear transcription factor Y subunit alpha (CAAT box DNA-binding protein subunit A) (Nuclear transcription factor Y subunit A) (NF-YA),FUNCTION: Component of the sequence-specific heterotrimeric transcription factor (NF-Y) which specifically recognizes a 5'-CCAAT-3' box motif found in the promoters of its target genes. NF-Y can function as both an activator and a repressor, depending on its interacting cofactors. NF-YA positively regulates the transcription of the core clock component BMAL1. {ECO:0000269 PubMed:12741956}.
Molecular Weight:	36.9 kDa
UniProt:	P23511
Pathways:	Regulation of Lipid Metabolism by PPARalpha

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.
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Application Details

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