

Datasheet for ABIN7562038
NFX1 Protein (AA 1-1114) (His tag)



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Overview

Quantity:	1 mg
Target:	NFX1
Protein Characteristics:	AA 1-1114
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFX1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Nfx1 Protein expressed in mammalian cells.
Sequence:	MAEAPPVSGT FKFNTDAAEF IPQERKTSGL NCGTQRRLLDS SRIGRRNYSS SPPCHLPRHI PYEDISAVHQ HSYASGSKPK SPQGFFQSSN KSLKNHGLQN QPWQKARNEK HQNRNKKAAQG LSEQTSDTSS LESVARSESG TNPREHSPSE SEKEVVIADP RGAKPKKAAQ LTNYNNGRGP AKGRLRSEWG NRMSPKSEDE NTRPVAISHT DSSDASCRKP VVDPVCVRRN EQRRYPQKRP PWEVEGARPR PGRNPPKQES QRHINAGPKT NMSPIPKDNL RERPTKSACD TGNLAVVSKS SRRVNQEKTA VRRQDPQVLS PFPRGKQNHM LKNVETHTGS LIEQLTTEKY ECMVCCCLVQ VTAPVWSCQS CFHVFHLNCI KKWARS PASH ADGQSGWRCP ACQNVSAHVP NTYTFCGCKV KNPEWSRNEI PHSCGEVCRK KQPGQDCPHS CNLLCHPGPC PPCPAFTTKT CECGRTRHTV RCGQPVSVHC SNACENILNC GQHHCAELCH GGQCQPCR II LNQVCYCGST SRDVLGCTDV GKSDGFGDFS CLKICGKDLK CGSHTCSQVC HPQPCQPCPR LPHLVRYCPC GQTPLSQLLE HGSNARKTCM DPVPSCGKVC GKPLACGSSD FIHTCEKLCH EGDCGPCSRT SVISCRCSFR

TKELPCTSLK SEDATFMCDK RCNKKRLCGR HKCNEICCVD KEHKCPLICG RKLRCGLHRC
EEPCHRGNCQ TCWQASFDEL TCHCGASVIY PPVPCGTRPP ECTQTCARIH ECDHPVYHSC
HSEKCPPCT FLTQKWCMGK HELRSNIPCH LVDISCGLPC SAMLPCGMHK CQRLCHKGEC
LVDEACKQPC TTPRGDCGHP CMAPCHPSLP CPVTACKAKV ELQCECGRRK EMVICSEASG
TYQRIVAISM ASKITDMLQG DSVEISKLIT KKEVQQARLQ CDEECAALER RKRLAEAFDI
TDDSDPFNVR SSASKFSDSL KDDARKDLKF VSDVEKEMET LVEAVNKGKN NKKSHCFPPM
NRDHRRIIHD LAQVYGLESI SYDSEPKRNV VVTAVRGKSV CPPTTLTSVI ERETQTRPPP
PIPHHRHQAD KAPGSSTLQK IVKEAVIDYF DVQD **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.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	NFX1
Alternative Name:	Nfx1 (NFX1 Products)
Background:	Transcriptional repressor NF-X1 (m-Nfx.1) (EC 2.3.2.-) (Nuclear transcription factor, X box-binding protein 1),FUNCTION: Binds to the X-box motif of MHC class II genes and represses

Target Details

their expression. May play an important role in regulating the duration of an inflammatory response by limiting the period in which MHC class II molecules are induced by interferon-gamma. Together with PABPC1 or PABPC4, acts as a coactivator for TERT expression. Mediates E2-dependent ubiquitination. {ECO:0000269|PubMed:12047746}.

Molecular Weight: 123.8 kDa

UniProt: [B1AY10](#)

Application Details

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