

Datasheet for ABIN7562782
MX1 Protein (AA 1-631) (His tag)



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Overview

Quantity:	1 mg
Target:	MX1
Protein Characteristics:	AA 1-631
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MX1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Mx1 Protein expressed in mammalian cells.
Sequence:	MDSVNNLCRH YEEKVRPCID LIDTLRALGV EQDLALPAIA VIGDQSSGKS SVLEALSGVA LPRGSGIVTR CPLVLKLRKL KEGEEWRGKV SYDDIEVELS DPSEVEEAIN KGQNFIAGVG LGISDKLISL DVSSPNVPDL TLIDLPGITR VAVGNQPADI GRQIKRLIKT YIQKQETINL VVPSNV DIA TTEALSMAQE VDPEGDR TIG VLTKPDLVDR GAEGKVL DVM RNLVYPLKKG YMIVKCRGQQ DIQEQLSLTE AFQKEQVFFK DHSYFSILLE DGKATVPCLA ERLTEELTSH ICKSLP LLED QINSSHQSAS EELQKYGADI PEDDRTRMSF LVNKISAFNR NIMNLIQAQE TVSEGDSRLF TKLRNEFLAW DDHIEEYFKK DSPEVQSKMK EFENQYRGRE LPGFVDYKAF ESIKKRVKA LEESAVNMLR RVTKMVQTAF VKILSNDFGD FLNLCCTAKS KIKEIRLNQE KEAENLIRLH FQMEQIVYCQ DQVYKETLKT IREKEAEKEK TKALINPATF QNNSQFPQKG LTTTEMTQHL KAYYQECRRN IGRQIPLIQ YFILKTFGEE IEKMMLQLLQ DTSKCSWFLE EQSDTREKKK FLKRLLRLD EARQKLAKFS D Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

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: MX1

Alternative Name: Mx1 ([MX1 Products](#))

Background: Interferon-induced GTP-binding protein Mx1 (Influenza resistance protein) (Myxoma resistance protein 1) (Myxovirus resistance protein 1),FUNCTION: Interferon-induced dynamin-like GTPase with antiviral activity against influenza A virus, (IAV), influenza B virus (IBV) and Thogoto virus (THOV). Inhibits FLUAV by interfering with the process of primary transcription, probably by affecting the viral polymerase function. {ECO:0000269|PubMed:17652381, ECO:0000269|PubMed:21651940}.

Molecular Weight: 72.0 kDa

UniProt: [P09922](#)

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
