

Full-Length

MX1 (Human) Recombinant Protein

Catalog # P7677 Size 500 ug

Applications



SDS-PAGE analysis of MX1 (Human) Recombinant Protein

Specification

Product Description

Human MX1 (NP_001171517, 1 a.a. - 662 a.a) full-length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

MGSSHHHHHHSSGLVPRGSHMGSMVVSEVDIAKADPAAASHPLLLNGDATVAQKNPGSVAENN
LCSQYEEKVRPCIDLIDSLRALGVEQDLALPAIAVIGDQSSGKSSVLEALSGVALPRGSGMTRCPL
VLKLLKLVNEDKWRGKVSQDYIEISDASEVEKEINKAQNAIAGEGMGISHELITLIESSRDVPDLT
LIDLPGITRVAVGNQPADIGYIKTLIKKYIQRQETISLVVPSNVDIATTEALSMAQEVDPEGDRITIGIL
TKPDLVDKGTEDKVVDVVRNLVFHLKKGVMVKCRGQQEIQDQLSLSEALQREKIFFENHPYFRD
LLEEGKATVPCLAEKLTSELITHICKSLPLENQIKETHQRITEELQKYGVDIPEDENEKMFLLIDKVN
AFNQDITALMQGEETVGEEDIRLFTRLRHEFHKWSTIENNFEQGHKILSRKIQKFENQYRGRELPGF
VNYRTFETVKQKIKALEEPAVDMLHTVTDMVRLAFTDVSINKNEEFFNLHRTAKSKIEDIRAEQERE
GEKLIRLHFQMEQIVYQDQVYRGALQKVREKELEEEKKKSWDFGAFQSSSATDSSMEEIFQH
LMAYHQEASKRISSHIPLIIQFFMLQTYGQQLQKAMLQLLQDKDTYSWLLKERSDTSKRRKFLKERL
ARLTQARRRLAQFPG

Host

Escherichia coli

Theoretical MW (kDa)

77.90000000000001

Form

Liquid

Preparation Method

Escherichia coli expression system

Concentration

0.25mg/mL

Purity	> 90% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of MX1 (Human) Recombinant Protein
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1 mM DTT, 10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — MX1

Entrez GeneID	4599
Protein Accession#	P20591
Gene Name	MX1
Gene Alias	IFI-78K, IFI78, MX, MxA
Gene Description	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)
Omim ID	147150
Gene Ontology	Hyperlink
Gene Summary	In mouse, the interferon-inducible Mx protein is responsible for a specific antiviral state against influenza virus infection. The protein encoded by this gene is similar to the mouse protein as determined by its antigenic relatedness, induction conditions, physicochemical properties, and amino acid analysis. This cytoplasmic protein is a member of both the dynamin family and the family of large GTPases. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	interferon inducible protein p78 interferon-regulated resistance GTP-binding protein myxovirus resistance protein 1

Disease

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