

Recombinant Human MX1 Protein, GST-tagged

Cat. No. MX1-5771H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MX1 full-length ORF (NP_002453.1, 1 a.a. - 662 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	101.9 kDa
AA Sequence	MVVSEVDIAKADPAAASHPLLLNGDATVAQKNPGSVAENNLCSQYEEKVRPCIDLID SLRALGVEQDLALPAIAVIGDQSSGKSSVLEALSGVALPRGSGIVTRCPLVLKLLKLV NEDKWRGKVSQDYIEISDASEVEKEINKAQNAIAGEGMGISHLITLEISSRDVPDL TLIDLPGITRVAVGNQPADIGYKIKTLIKKYIQRQETISLVVPSNVDIATTEALSMAQEV DPEGDRITIGILTKPDLVDKGTEDKVVDVVRNLVFHLKKGYMIVKCRGQQEIQDQLSL SEALQREKIFFENHPYFRDLLEEGKATVPCLAELTSELITHICKSLPLENQIKETHQ RITEELQKYGVDIPEDENEKMFLLIDKINAFNQDITALMQGEETVGEEDIRLFTLRHE

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FHKWSTIIENNFQEGHKILSRKIQKFENQYRGRELPGFVNYRTFETIVKQQIKALEEPA
 VDMLHTVTDVMVRLAFTDVSIKNFEEFFNLHRTAKSKIEDIRAEQEREKEKLIRLHFQM
 EQIVYCQDQVYRGALQKVREKELEEEKKKKSWDFGAFQSSSATDSSMEEIFQHLMA
 YHQEASKRISSHIPLIQFFMLQTYGQQLQKAMLQLLQDKDTYSWLLKERSDTSDKR
 KFLKERLARLTQARRRLAQFPG

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [MX1 myxovirus \(influenza virus\) resistance 1, interferon-inducible protein p78 \(mouse\) \[Homo sapiens \]](#)

Official Symbol [MX1](#)

Synonyms MX1; myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse); myxovirus (influenza) resistance 1, homolog of murine (interferon inducible protein p78); interferon-induced GTP-binding protein Mx1; IFI 78K; MxA; myxoma resistance protein 1; interferon-regulated resistance GTP-binding protein MxA; MX; IFI78; IFI-78K;

Gene ID [4599](#)

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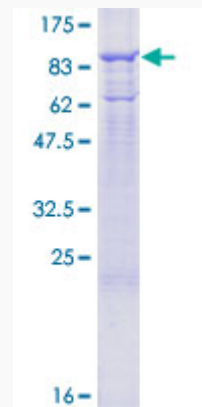
mRNA Refseq [NM_001144925](#)

Protein Refseq [NP_001138397](#)

MIM [147150](#)

UniProt ID [P20591](#)

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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