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 SLRALGVEQDLALPAIAVIGDQSSGKSSVLEALSGVALPRGSGIVTRCPLVLKLKKLV NEDKWRGKVSYQDYEIEISDASEVEKEINKAQNAIAGEGMGISHELITLEISSRDVPDL TLIDLPGITRVAVGNQPADIGYKIKTLIKKYIQRQETISLVVVPSNVDIATTEALSMAQEV DPEGDRTIGILTKPDLVDKGTEDKVVDVVRNLVFHLKKGYMIVKCRGQQEIQDQLSL SEALQREKIFFENHPYFRDLLEEGKATVPCLAEKLTSELITHICKSLPLLENQIKETHQ RITEELQKYGVDIPEDENEKMFFLIDKINAFNQDITALMQGEETVGEEDIRLFTRLRHE

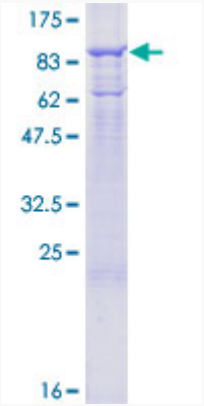
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	FHKWSTIIENNFQEGHKILSRKIQKFENQYRGRELPGFVNYRTFETIVKQQIKALEEPA VDMLHTVTDMVRLAFTDVSIKNFEEFFNLHRTAKSKIEDIRAEQEREGEKLIRLHFQM EQIVYCQDQVYRGALQKVREKELEEEKKKKSWDFGAFQSSSATDSSMEEIFQHLMA YHQEASKRISSHIPLIIQFFMLQTYGQQLQKAMLQLLQDKDTYSWLLKERSDTSDKR KFLKERLARLTQARRRLAQFPG
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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