

Recombinant Full Length Human MX1 Protein

Cat. No. MX1-321HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MX1 (amino acids 1-662) with N terminal proprietary tag; Predicted MWt 98.89 kDa including the tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	662 amino acids
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.
Form	Liquid
Molecular Mass	98.890kDa inclusive of tags
AA Sequence	MVVSEVDIAKADPAAASHPLLLNGDATVAQKNPGSVAENN LCSQYEEKVRPCIDLID SLRALGVEQDLALPAIAVIGDQS SGKSSVLEALSGVALPRGSGIVTRCPLVLKLLKLV NEDKW RGKVS YQDY EIEISDASEVEKEINKAQNAIAGEGMGISHE LITLEISSRDVPD LTLIDLPGITRVAVGNQPADIGYKIKT LIKKYIQRQETISLVVPSNVDIATTEALSMAQ EVDPEGD RTIGILTKPDLVDKGTEDKVVDVVRNLV FHLKKG YMIVKC RGQQEIQDQ

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LSLSEALQREKIFFENHPYFRDLLEEGKATV PCLAEKLTSELITHICKSLPLENQIKET
 HQRITEELQKY GVDIPEDENEKMFFLIDKINAFNQDITALMQGEETVGEED IRLFTRL
 RHEFHKWSTIIENNFEQEGHKILSRKIQKFENQY RGRELPGFVNYRTFETIVKQQIKAL
 EEPAVDMLHTVTDMV RLAFTDVSIGNFEEFFNLHRTAKSKIEDIRAEQEREKEKL IRL
 HFQMEQIVYCQDQVYRGALQKVREKELEEEKKKKS WD FGAFQSSSATDSSMEEIF
 QHLMAYHQEASKRISSHIPLII QFFMLQTYGQQLQKAMLQLLQDKDTYSWLLKERSD
 TSDKR KFLKERLARLTQARRRLAQFPG

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID 4599

mRNA Refseq NM_001144925

Protein Refseq NP_001138397

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MIM	147150
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UniProt ID	P20591
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