

Recombinant Human MX1 protein, His-tagged

Cat. No. MX1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of Homo sapiens MX dynamin like GTPase 1 (MX1), transcript variant 1 (NM_001144925), with a His tag was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes a guanosine triphosphate (GTP)-metabolizing protein that participates in the cellular antiviral response. The encoded protein is induced by type I and type II interferons and antagonizes the replication process of several different RNA and DNA viruses. There is a related gene located adjacent to this gene on chromosome 21, and there are multiple pseudogenes located in a cluster on chromosome 4. Alternative splicing results in multiple transcript variants.
Molecular Mass	75.3 kDa
Endotoxin	< 0.1 ng/μg of protein (< 1 EU/μg)
Purity	> 90 % by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!
Storage Buffer	Purified protein formulated in a sterile solution of PBS buffer, pH7.2, without any

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preservatives

GENE INFORMATION

Gene Name	MX1 MX dynamin like GTPase 1 [Homo sapiens (human)]
Official Symbol	MX1
Synonyms	MX1; MX dynamin like GTPase 1; MX; MxA; IFI78; IFI-78K; IncMX1-215; interferon-induced GTP-binding protein Mx1; interferon-induced protein p78; interferon-inducible protein p78; interferon-regulated resistance GTP-binding protein MxA; myxoma resistance protein 1; myxovirus (influenza virus) resistance 1, interferon-inducible protein p78
Gene ID	4599
mRNA Refseq	NM_001144925
Protein Refseq	NP_001138397
MIM	147150
UniProt ID	P20591

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