

Product datasheet for TP327878M

MX1 (NM_001144925) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse) (MX1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227878 representing NM_001144925 Red=Cloning site Green=Tags(s)

MVSEVDIAKADPAAASHPLLLNGDATVAQKNPGSVAENNLCSQYEEKVRPCIDLIDSLRALGVEQDLAL
PAIAVIGDQSSGKSSVLEALSGVALPRGSGIVTRCPLVLKLLKLVNEDKWRGKVSQDYIEISDASEVE
KEINKAQNAIAGEGMGISHELITLLEISSRDVPLDLIDLPGITRVAVGNQPADIGYKIKTLIKKYIQRQE
TISLVVPSNVDIATTEALSMAQEVDPEDRTIGILTKPDLVDKGTEDKVVDVVRNLVFLHKKGYMIVKC
RGQQEIQDQLSLSEALQREKIFFENHPYFRDLLEEGKATVPCLAEKLTSELITHICKSLPLENQIKETH
QRITEELQKYGVDIPEDENEKMFLLDKINAFNQDITALMQGEETVGEEDIRLFTRLRHEFHKWSTIEN
NFQEGHKILSRKIQKFENQYRGRELPGFVNYRTFETIVKQQIKALEEPAVDMLHTVDTMVRLAFTDVSIK
NFEFFNLHRTAKSKIEDIRAEQEREKELIRLHFQMEQIVYQCQDQVYRGALQKVREKELEEEKKKSWD
FGAFQSSATDSSMEEIFQHLMAYHQEASKRISSHIPLIIQFFMLQTYGQQLQKAMLQLLQDKDTYSWLL
KERSDTSKRRKFLKERLARLTQARRRLAQFPG

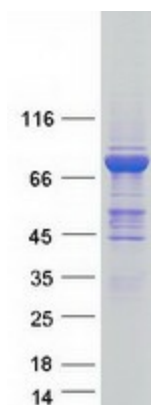
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	75.3 kDa
Concentration:	>0.1 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001138397
Locus ID:	4599
UniProt ID:	P20591
Cytogenetics:	21q22.3
RefSeq ORF:	1986
Synonyms:	IFI-78K; IFI78; IncMX1-215; MX; MxA
Summary:	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. [provided by RefSeq, Sep 2013]
Protein Families:	Druggable Genome

Product images:

Coomassie blue staining of purified MX1 protein (Cat# [TP327878]). The protein was produced from HEK293T cells transfected with MX1 cDNA clone (Cat# [RC227878]) using MegaTran 2.0 (Cat# [TT210002]).