

Product datasheet for TP306437

MX2 (NM_002463) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myxovirus (influenza virus) resistance 2 (mouse) (MX2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206437 protein sequence Red=Cloning site Green=Tags(s)

MSKAHKWPYRRRSQFSSRKYLKEMNSFQQQPPFPGTVPPQMMFPPNWQGAEKDAAFLAKDFNFLTNN
QPPPGNRSQPRAMGPENNLYSQYEQKVRPCIDLIDSLRALGVEQDLALPAIAVIGDQSSGKSSVLEALSG
VALPRGSGIVTRCPLVLKLLKQPCEAWAGRISYRNTELELQDPGQVEKEIHKANVMAGNRRGISHHELIS
LEITSPEVPDLTIIDLPGITRVAVDNQPRDIGLQIKALIKKYIQRQQTINLVVPCNVDIATTEALSMAH
EVDPEGDRITIGILTKPDLMDRGTEKSVMNVVRNLTYPLKKGYMIVKCRGQQEITNRLSLAEATKKEITFF
QTHPYFRVLLLEEGSATVPRLAERLTTELIMHIQKSLPLLEGQIRESHQKATEELRRCGADIPSQEADKMF
FLIEKIKMFNQDIEKLVEGEEVVRENETRLYNKIREDFKNWVGILATNTQKVKNIIHEEVEKYEQYRGK
ELLGFNKYKTFEIVHQYIQQQLVEPALSMLQKAMEIIQQAFINVAKKHFGFEFFNLNQTVQSTIEDIKVKH
TAKAENMIQLQFRMEQMVFCQDQIYSVWLKVVREEIFNPLGTPSQNMKLNHSPSNSSVSSFTEIGIHL
NAYFLETSKRLANQIPFIIQYFMLRENGDSLQKAMMQILQEKNRYSWLLQEQSETATKRRILKERIYRLT
QARHALCQFSSKEIH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	81.9 kDa
Concentration:	>0.05 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.



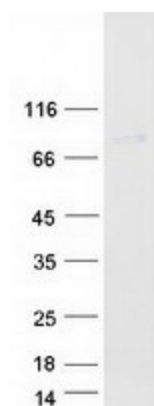
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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_002454</u>
Locus ID:	4600
UniProt ID:	<u>P20592</u>
RefSeq Size:	2961
Cytogenetics:	21q22.3
RefSeq ORF:	2145
Synonyms:	MXB

Summary: The protein encoded by this gene has a nuclear and a cytoplasmic form and is a member of both the dynamin family and the family of large GTPases. The nuclear form is localized in a granular pattern in the heterochromatin region beneath the nuclear envelope. A nuclear localization signal (NLS) is present at the amino terminal end of the nuclear form but is lacking in the cytoplasmic form due to use of an alternate translation start codon. This protein is upregulated by interferon-alpha but does not contain the antiviral activity of a similar myxovirus resistance protein 1. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified MX2 protein (Cat# TP306437). The protein was produced from HEK293T cells transfected with MX2 cDNA clone (Cat# [RC206437]) using MegaTran 2.0 (Cat# [TT210002]).