

Recombinant Human MX2 Protein, GST-tagged

Cat. No. MX2-5772H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MX2 partial ORF (NP_002454.1, 521 a.a. - 620 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	36.74 kDa
AA Sequence	QKAMEIIQQAFINVAKKHFGGEFFNLNQTVQSTIEDIKVKHTAKAENMIQLQFRMEQMV FCQDQIYSVVLKKVREEIFNPLGTPSQNMKLNSHFPSNESSV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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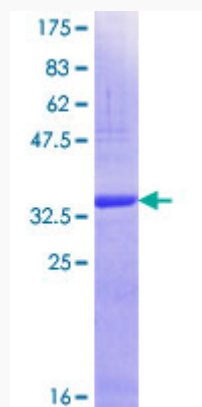
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	MX2 myxovirus (influenza virus) resistance 2 (mouse) [Homo sapiens]
Official Symbol	MX2
Synonyms	MX2; myxovirus (influenza virus) resistance 2 (mouse); myxovirus (influenza) resistance 2, homolog of murine; interferon-induced GTP-binding protein Mx2; interferon regulated resistance GTP binding protein MXB; MXB; second interferon induced protein p78; p78-related protein; myxovirus resistance protein 2; second interferon-induced protein p78; interferon-regulated resistance GTP-binding protein MXB;
Gene ID	4600
mRNA Refseq	NM_002463
Protein Refseq	NP_002454
MIM	147890
UniProt ID	P20592

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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