

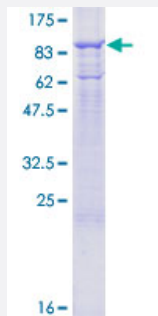
Full-Length

MX1 (Human) Recombinant Protein (P01)

Catalog # H00004599-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MX1 full-length ORF (NP_002453.1, 1 a.a. - 662 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVVSEVDIAKADPAAASHPLLLNGDATVAQKNPGSVAENNLCSQYEEKVRPCIDLIDSLRALGVE
QDLALPAIAVIGDQSSGKSSVLEALSGVALPRGSGMTRCPLVLKLLKLVNEDKWRGKVSQDYEI
EISDASEVEKEINKAQNAIAGEGMGISHELITLEISSRDVPDLTLIDLPGITRVAVGNQPADIGYKIKTLI
KKYIQRQETISLVVPSNVDIATTEALSMAQEVDPEDRTIGILTKPDLVDKGTEDEKVVDDVVRNLVF
HLKKGVMVCKRGQEQEIQDQLSLSEALQREKIFFENHPYFRDLLEEGKATVPCLAEKLTSELITHICK
SLPLENQIKETHQRITEELQKYGVDIPEDENEKMFLLIDKINAFNQDITALMQGEETVGEEDIRLFTR
LRHEFHKWSTIENNFFQEGHKILSRKIQKFENQYRGRELPGFVNYRTFETVKQQIKALEEPAVDMLH
TVTDMVRLAFTDVSINKFEEFFNLHRTAKSKIEDIRAEQEREGEKLIRLHFQMEQVYCQDQVYRGA
LQKVREKELEEEKKKSWDFGAFQSSSATDSSMEEIFQHLMAHQEASKRISSHIPLIQFFMLQT
YGQQLQKAMLQLLQDKDTYSWLLKERSDTSDDRKFLKERLARLTQARRRLAQFPG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

101.9

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MX1

Entrez GeneID	4599
GeneBank Accession#	NM_002462.2
Protein Accession#	NP_002453.1
Gene Name	MX1
Gene Alias	IFI-78K, IFI78, MX, MxA
Gene Description	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)
Omim ID	147150
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	interferon inducible protein p78 interferon-regulated resistance GTP-binding protein myxovirus resistance protein 1

Disease

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- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
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