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MX1, 1-662aa, Human, His tag, E.coli

产品货号: TP03055

第三版

**别名:** Interferon-induced GTP-binding protein Mx1, IFI-78K, IFI78, MX, MxA

**描述:** MX1 is a guanosine triphosphate (GTP)-metabolizing protein that participates in the cellular antiviral response. This 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. Recombinant human MX1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

**分子量:** 77.9 kDa (685aa)

**序列:**

```
MGSSHHHHHSSGLVPRGSHMGSMVVSEVDIAKADPAAASHPLLLNGDATVAQKNPGSVAENNLCSQYEEKVRPCIDLI  
DSLRLGVEQDLALPAIAVIGDQSSGKSSVLEALSGVALPRGSGIVTRCPLVLKLLKLVNEDKWRGKVSQDYIEISDASEV  
EKEINKAQNAIAGEGMGISHLITLEISSRDVPDLTLIDLPGITRVAVGNQPADIGYKIKTLIKKYIQRQETISLVVPSNV  
DIA TTEALSMAQEVDPEGDRTIGILTTPDLVDKGTEDKVVDVVRNLVHFLKKGVMIVKCRGQQEIQDQLSLSEALQREKIF  
FE NHPYFRDLLEEGKATVPCLAELTSELITHICKSLPLENQIKETHQRITEELQKYGVDIPEDENEKMFLLIDKVN  
AFNQDIT ALMQGEETVGEEDIRLFTLRHEFHKWSTIENNFQEGHKILSRKIQKFENQYRGRELPGFVNYRTFETIVKQ  
QIKALEEPA VDMLHTVTDMVRLAFTDVSIGNFEEFFNLHRTAKSKIEDIRAEQEREKELIRLHFQMEQIVYCQDQVYR  
GALQKVREKE LEEKKKKSDFGAFQSSSATDSSMEEIFQHLMAYHQEASKRISHIPIIQFFMLQTYGQQLQKAMLQ  
LLQDKDTYSWLL KERSDTSKRRKFLKERLARLTQARRRLAQFPG
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**纯度:** > 95% by HPLC

**浓度:** 0.25 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.