

RPPB4024

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## Product Information    Protein Information

**Product SKU:**

RPPB4024

**Accession:**

P20591

**Host:**

Escherichia Coli.

**Protein description:**

MX1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 685 amino acids (1-662 a.a) and having a molecular mass of 77.9kDa. MX1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

MX Dynamin-Like GTPase 1, Myxoma Resistance Protein 1, IFI-78K, IFI78, MX, Myxovirus (Influenza) Resistance 1,

**Formulation:**

MX1 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHH SSGLVPRGSH MGSMVSEVD IAKADPAAAS HPLLNGDAT VAQKNPGSVA ENNLCSQYEE  
KVRPCIDLID SLRALGVEQD LALPAIAVIG DQSSGKSSVL EALSGVALPR GSGIVTRCPL VLKLLKLVNE  
DKWRGKVSQ DYEIISDAS EVEKEINKAQ NAIAGEGMGI SHELITLIS SRDVPDLTLI DLPGITRVAV  
GNQPADIGYK IKTLIKYYIQ RQETISLVVV PSNVDIATTE ALSMAQEVDP EGDRTIGILT KPDLVDKGTE  
DKVVDVVRNL VFHLKKGMI VKCRGQQEIQ DQLSLSEALQ REKIFFENHP YFRDLLEEGK ATPVCLAELK  
TSELITHICK SLPLENQIK ETHQRITEEL QKYGVDIPED ENEKMFFLID KVNAFNQDIT ALMQGEETVG  
EEDIRLFTL RHEFHKWSTI IENNFQEGHK ILSRKIQKFE NQYRGRELPG FVNYRTFETI VKQQIKALEE  
PAVDMLHTVT DMVRLAFTDV SIKNFEEFFN LHRTAKSIE DIRAEQEREG EKLIRLHFQM EQIVYQQDQV  
YRGALQKVRE KELEEEKSKK SWDFGAFQSS SATDSSMEEI FQHLMAYHQE ASKRISSHIP LIQFFMLQT  
YGQQLQKAML QLLQDKDTYS WLLKERSDTS DKRKFLKERL ARLTQARRRL AQFPG.