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32-4255: Recombinant Human Myxovirus Resistance 1

Alternative Name :	MX Dynamin-Like GTPase 1,Interferon-Regulated Resistance GTP-Binding Protein MxA, Interferon-Inducible Protein P78,Interferon-Induced Protein P78,Myxoma Resistance Protein 1,IFI-78K,IFI78,MX,Myxovirus (Influenza) Resistance 1,Homolog Of

Description

Source : Escherichia Coli. 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. Myxovirus Resistance 1, also known as MX1 is a guanosine triphosphate (GTP)-metabolizing protein which takes part in the cellular antiviral response. MX1 is induced by type I and type II interferons, and also antagonizes the replication process of some different RNA & DNA viruses. In addition, there is a related gene located adjacent to MX1 on chromosome 21, and there are multiple pseudogenes positioned in a cluster on chromosome 4.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	MX1 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSMVVSEVD IAKADPAAAS HPLLLNGDAT VAQKNPGSVA ENNLCSQYEE KVRPCIDLID SLRALGVEQD LALPAIAVIG DQSSGKSSVL EALSGVALPR GSGIVTRCPL VLKLKKLVNE DKWRGKVSYQ DYEIEISDAS EVEKEINKAQ NAIAGEGMGI SHELITLEIS SRDVPDLTLI DLPGITRVAV GNQPADIGYK IKTLIKKYIQ RQETISLVVV PSNVDIATTE ALSMAQEVDP EGDRTIGILT KPDLVDKGTE DKVVDVVRNL VFHLKKGYMI VKCRGQQEIQ DQLSLSEALQ REKIFFENHP YFRDLLEEGK ATVPCLAEKL TSELITHICK SLPLLENQIK ETHQRITEEL QKYGVDIPED ENEKMFFLID KVNAFNQDIT ALMQGEETVG EEDIRLFTRL RHEFHKWSTI IENNFQEGHK ILSRKIQKFE NQYRGRELPG FVNYRTFETI VKQQIKALEE PAVDMLHTVT DMVRLAFTDV SIKNFEEFFN LHRTAKSKIE DIRAEQEREG EKLIRLHFQM EQIVYCQDQV YRGALQKVRE KELEEEKKKK SWDFGAFQSS SATDSSMEEI FQHLMAYHQE ASKRISSHIP LIIQFFMLQT YGQQLQKAML QLLQDKDTYS WLLKERSDTS DKRKFLKERL ARLTQARRRL AQFPG.