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## 32-4257: Recombinant Human Myxovirus Resistance 2

Alternative Name :

Myxovirus (Influenza Virus) Resistance 2 (Homolog Of Mouse),Interferon-Regulated Resistance GTP-Binding Protein MxB,Second Interferon-Induced Protein P78,Myxovirus Resistance Protein 2,Human

Interferon-Regulated Resistance GTP-Binding Protein MXB

## **Description**

Source: Escherichia Coli. MX2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 126 amino acids (626-715) and having a molecular mass of 14.9 kDa. MX2 is fused to a 36 amino acid His-tag at N-terminus. MX2 is a member of 2 protein families: the dynamin family and the large GTPases family. MX2 has a cytoplasmic and nuclear structure which is found in a granular pattern in the heterochromatin region under the nuclear envelope. The nuclear form has a NLS (nuclear localization signal) at the amino terminal end however it is missing in the cytoplasmic form as a result of the use of a different translation start codon. MX2 is upregulated by IFN-a, but unlike myxovirus resistance protein 1 has no antiviral activity.

## **Product Info**

Storage condition:

Amount: 20 µg

**Purification :** Greater than 90% as determined by SDS-PAGE.

Content: The MX2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

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: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSIGIH LNAYFLETSK RLANQIPFII

QYFMLRENGD SLQKAMMQIL QEKNRYSWLL QEQSETATKR RILKERIYRL TQARHALCQF

**SSKEIH** 

