

## 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- $\alpha$ , but unlike myxovirus resistance protein 1 has no antiviral activity.

### Product Info

**Amount :** 20  $\mu$ g  
**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.  
**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 :** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSIGIH LNAYFLETSK RLANQIPFII QYFMLRENGD SLQKAMMQIL QEKNRYSWLL QEQSETATKR RILKERIYRL TQARHALCQF SSKEIH

