9051 Mira Mesa Blvd, #910094
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MX2 Human

Myxovirus Resistance 2 Human Recombinant
RCP1421

Product Overview

Name	MX2 Human
Description	
Myxovirus Resistance 2 Human Recombinant	
Accession (Primary)	P20592
Synonyms	
Myxovirus (Influenza Virus) Resistance 2 (Homolog Of Mouse), Myxovirus Resistance Protein 2, P78-Related Protein.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The MX2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS IGIH LNAYFLETSK RLANQIPFII QYFMLRENGD SLQKAMMQIL QEKNRYSWLL QEQSETATKR RILKERIYRL TQARHALCQF SSKEIH	
Precautions	
MX2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P20592)