

PRODUCT DATA SHEET

MxA Protein Human E. coli

Cat. No.: RD172349100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Myxovirus resistance protein 1

Description:

Total 668 AA. MW 76.3 kDa (calculated). UniProtKB acc. No. P20591 (Met1-Gly662). C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

MVVSEVDIAK ADPAAAASHPL LLNGDATVAQ KNPGSVAENN LCSQYEEKVR PCIDLIDSLR
ALGVEQDLAL PAIAVIGDQS SGKSSVLEAL SGVALPRGSG IVTRCPLVLK LKKLVNEDKW
RGKVSQDYE IEISDASEVE KEINKAQNAI AGEGMGISHE LITTLEISSRD VPDLTLLIDL
GITRVAVGNG PADIGYKIKT LIKKYIQRQE TISLVVVP SN VDIATTEALS MAQEVDPEDG
RTIGILTTPD LVDKGTEDKV VDVVRNLVFN LKKGYMIVKC RGQQEIQDQL SLSEALQREK
IFFENHPYFR DLLEEGKATV PCLAEKLTSE LITHICKSLP LLENQIKETH QRITEELQKY
GVDIPEDENE KMFFLIDKVN AFNQDITALM QGEETVGEED IRLFTRLRHE FHKWSTIIEN
NFQEGHKILS RKIQKFENQY RGRELPGFVN YRTFETIVKQ QIKALEEPAV DMLHTVTDV
RLAFTDVSIS NFEEFFNLHR TAKSKIEDIR AEQEREKEKL IRLHFQMEQI VYQDQVYRG
ALQKVREKEL EEEKKKSWD FGAFQSSSAT DSSMEEIFQH LMAYHQEASK RISSHIPLII
QFFMLQTYGQ QLQKAMLQLL QDKDTYSWLL KERSDTSDDR KFLKERLARL TQARRRLAQF
PGHHHHHH

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in 20 mM Tris buffer, 50 mM NaCl, 5% (w/v) trehalose, pH 7.5.

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely at 37°C.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for three days.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.