

Matrix protein 2 (M2) Recombinant Protein | M2 recombinant protein

Recombinant Influenza A virus Matrix protein 2 (M2), partial

CATALOG # AAA114452	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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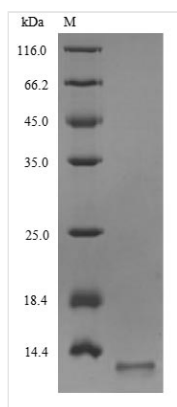
PRODUCT SYNONYMS

Matrix protein 2 (M2); Recombinant Influenza A virus Matrix protein 2 (M2); partial; Recombinant Matrix protein 2 (M2); Matrix protein 2; M2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-22aa; partial
Sequence	MSLLTEVETP IRNEWGCRGN GS
Species	Influenza A virus (strain A/USA:Phila/1935 H1N1)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for M2 recombinant protein

Forms a proton-selective ion channel that is necessary for the efficient release of the viral genome during virus entry. After attaching to the cell surface, the virion enters the cell by endocytosis. Acidification of the endosome triggers M2 ion channel activity. The influx of protons into virion interior is believed to disrupt interactions between the viral ribonucleoprotein (RNP), matrix protein 1 (M1), and lipid bilayers, thereby freeing the viral genome from interaction with viral proteins and enabling RNA segments to migrate to the host cell nucleus, where influenza virus RNA transcription and replication occur. Also plays a role in viral proteins secretory pathway. Elevates the intravesicular pH of normally acidic compartments, such as trans-Golgi network, preventing newly formed hemagglutinin from premature switching to the fusion-active conformation

NCBI AND UNIPROT INFORMATION

UniProt Accession #	A4GCM0
Molecular Weight	6.5 kDa
UniProt Protein Name	Matrix protein 2
UniProt Gene Name	M2
UniProt Entry Name	M2_I35A3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/m2-recombinant-protein-e-coli/114452>