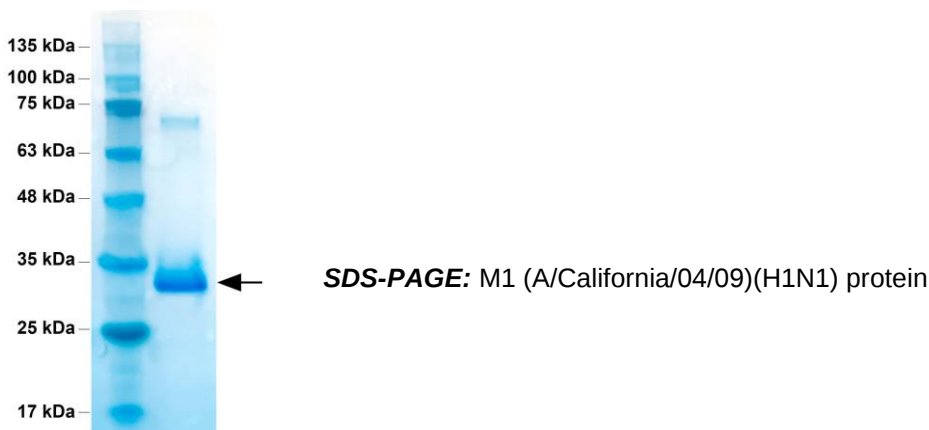


M1 (A/California/04/2009)(H1N1)

CATALOG NUMBER: IA-M1-023P 50 µg

Introduction	The M1 protein is a matrix protein of the influenza virus. It forms a coat inside the viral envelope. This is a bifunctional membrane/RNA-binding protein that mediates the encapsidation of RNA-nucleoprotein cores into the membrane envelope. It is therefore required that M1 binds both membrane and RNA simultaneously.
Applications	Western blot standard, antibody ELISA, antigen, etc.
Description	Viral protein purified from <i>E.coli</i>
Viral Protein	C-terminal 6xHis tagged M1 matrix protein (aa 1-252)(A/California/04/09) (H1N1) (GenBank Accession No. ACP44152)
Storage	Store at -20 °C; Stable for 3-months from the date of shipment when kept at -4 °C. Non-hazardous. No MSDS required.
Concentration	1 µg/µl in PBS
Purity	>95% pure by 10% SDS PAGE gel



M1 (A/California/04/2009/H1N1)(aa 1-252) SEQ:

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MSLLTEVETY VLSIIPSGPL KAEIAQRLES VFAGKNTDLE ALMEWLKTRP ILSPLTKGIL GFVFTLTVPS ERGLQRRRFV
QNALNGNGDP NNMDRAVKLY KKLKREITFH GAKEVSLSYS TGALASCMGL IYNRMGTVTT EAAFGLVCAT CEQIADSQHR
SHRQMATTN PLIRHENRMV LASTTAKAME QMAGSSEQAA EAMEVANQTR QMVHAMRTIG THPSSSAGLK DDLENLQAY
QKRMGVQMQR FKHHHHHH
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