

Polymerase acidic protein (PA), partial Recombinant Protein | PA recombinant protein

Recombinant Influenza A virus Polymerase acidic protein (PA), partial

CATALOG #
AAA117253

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

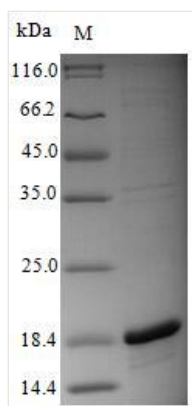
PRODUCT SYNONYMS

Polymerase acidic protein (PA); partial; Recombinant Influenza A virus Polymerase acidic protein (PA); Polymerase acidic protein; RNA-directed RNA polymerase subunit P2; PA 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	124-247aa; Partial
Sequence	RREVHIYYLE KANKIKSEKT HIHIFSFTGE EMATKADYTL DEESRARIKT RLFTIRQEMA SRGLWDSFRQ SERGEETIEE RFEITGTMRK LADQSLPPNF SSLENFRAYV DGFEPNGYIE GKLS
Sequence Length	247
Species	Influenza A virus (strain A/X-31 H3N2)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PA recombinant protein	Plays an essential role in viral RNA transcription and replication by forming the heterotrimeric polymerase complex together with PB1 and PB2 subunits. The complex transcribes viral mRNAs by using a unique mechanism called cap-snatching. It consists in the hijacking and cleavage of host capped pre-mRNAs. These short capped RNAs are then used as primers for viral mRNAs. The PB2 subunit is responsible for the binding of the 5' cap of cellular pre-mRNAs which are subsequently cleaved after 10-13 nucleotides by the PA subunit that carries the endonuclease activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81972309
UniProt Accession #	Q9IQ47
Molecular Weight	18.6 kDa
NCBI Official Full Name	Polymerase acidic protein
UniProt Protein Name	Polymerase acidic protein
UniProt Gene Name	PA
UniProt Entry Name	PA_I000X

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/pa-recombinant-protein-e-coli/117253>