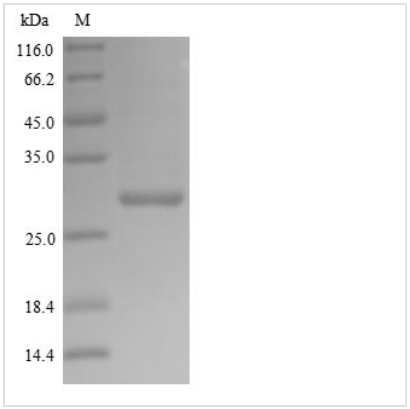
Recombinant Influenza A virus Polymerase acidic protein (PA), partial

Product Code	CSB-YP395880ILR1
Relevance	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.
Abbreviation	Recombinant Influenza A virus Polymerase acidic protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	A4U6V9
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Influenza A virus (strain A/USA:Huston/AA/1945 H1N1)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEDFVRQCFNPMIVELAEKAMKEYGEDLKVETNKFAAICTHLEVCFMYSDFHFI NEQGESIIVELGDPNALLKHRFEIIEGRDRTMAWTIVNSICNTTGAEKPKFLPDL YDYKENRFIEIGVTRREVHIYYLEKANKIKSEKTHIHIFSFTGEEMATKADYTLDE ESRARIKTRLFTIRQEMASRGLWDSFRQSERGEETIEERFEITG
Research Area	others
Source	Yeast
Target Names	PA
Protein Names	RNA-directed RNA polymerase subunit P2
Expression Region	1-209aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	26.6 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.
Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.