



Recombinant Influenza A virus Hemagglutinin (HA)

Product Code	CSB-EP356317IDG-B
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.	P04664
Product Type	Recombinant Protein
Immunogen Species	Influenza A virus (strain A/England/878/1969 H3N2)
Purity	>85% (SDS-PAGE)
Sequence	QDLPGNDNST ATLCLGHHAV PNGTLVKTIT NDQIEVTNAT ELVQSSSTGK ICNNPHRILD GINCTLIDAL LGDPHCDVFQ DETWDLFVER SKAFSNCYPY DVPDYASLRS LVASSGTLEF ITEGFTWTGV TQNGGSNACK RGPDSGFFSR LNWLTKSGST YPVLNVTMPN NDNFDKLYIW GVHHPSTNQE QTSLYVQASG RVTVSTRRSQ QTIIPNIGSR PWVRGLSSRI SIYWTIVKPG DVLVINSNGN LIAPRGYFKM RTGKSSIMRS DAPIIDTCISE CITPNGSIPN DKPFQNVNKI TYGACPKYVK QNTLKLATGM RNVPEKQT
Source	E.coli
Target Names	HA
Protein Names	Recommended name: Hemagglutinin Cleaved into the following chain: 1. Hemagglutinin HA1 chain
Expression Region	1-328
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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.