

Recombinant Influenza A H5N1 HA, His tagged

Cat. No. HA-735I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H5N1 HA (A/Indonesia/5/2005 (H5N1)) (ABW06108.1) extracellular domain hemagglutinin (Met 1-Gln 531) with cleavage site mutated (RESRRKKR→TETR, HA1+HA2, uncleaved), fused with a C-terminal polyhistidine tag, was produced in Human C
Species	H5N1
Source	Human Cells
ProteinLength	1-531 a.a.
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The secreted recombinant Influenza A virus (A/Indonesia/5/2005 (H5N1) HA (mutated) comprises 522 amino acids with the predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 70-80 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution.
Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	HA hemagglutinin [Influenza A virus (A/goose/Guangdong/1/1996(H5N1))]
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Official Symbol	HA
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Gene ID	3654620
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Protein Refseq	YP_308669
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UniProt ID	Q9Q0U6
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