

Recombinant influenza A virus H5N1(A/common magpie/Hong Kong/5052/2007) HA protein(Met1-Gln530), His-tagged

Cat. No. HA-588V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza A virus (A/common magpie/Hong Kong/5052/2007(H5N1)) hemagglutinin (ACJ26242.1) (Met1-Gln530), termed as HA, was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	H5N1
Source	HEK293
ProteinLength	Met1-Gln530
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant HA subunit of influenza A virus (A/common magpie/Hong Kong/5052/2007(H5N1)) comprises 525 amino acids and has a predicted molecular mass of 60 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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