

Recombinant Influenza A H5N1 (A/Hong Kong/483/1997) HA protein(Met1-Gln531), His-tagged

Cat. No. HA-3281V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H5N1 hemagglutinin (A/Hong Kong/483/1997 (H5N1)) (AAC32099.1)(Met 1-Gln 531), (HA1+HA2, uncleaved, cleavage site mutated (RRRKRR-TETR) was expressed in HEK293, fused with a C-terminal polyhistidine tag.
Species	H5N1
Source	HEK293
ProteinLength	Met1-Gln531
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 influenza A H5N1 HA (A/Hong Kong/483/1997 (H5N1)) comprises 524 amino acids and has a predicted molecular mass of 59.7 kDa. As a result of glycosylation, it migrates as an approximately 65-75 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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.

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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