

Recombinant H3N2 HA protein(Met1-Arg345), His-tagged

Cat. No. HA-402V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza hemagglutinin (A/reassortant/IVR-155(Victoria/210/2009 x Puerto Rico/8/1934)(H3N2))(ADI52838.1)(Met 1-Arg 345), termed as HA1, was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	H3N2
Source	HEK293
ProteinLength	1-345 a.a.
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 HA1 subunit of influenza A H3N2 (A/reassortant/IVR-155(Victoria/210/2009 x Puerto Rico/8/1934)(H3N2)) comprises 340 amino acids and has a predicted molecular mass of 38.1 kDa. It migrates as an approximately 58-68 kDa b and 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. 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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