

Recombinant Influenza A H1N1 (A/Wisconsin/67/2022) HA1 protein, His-tagged

Cat. No. HA1-4855V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H1N1 (A/Wisconsin/67/2022) HA1 protein(EPI2224788) (Met1-Arg344), was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Influenza A H1N1 (A/Wisconsin/67/2022)
Source	HEK293
ProteinLength	1-344 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant HA1 subunit of influenza A H1N1 HA (A/Wisconsin/67/2022 (H1N1)) consists of 338 amino acids and predicts a molecular mass of 37.87 kDa. As a result of glycosylation, it migrates as an approximately 57.6 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
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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