Recombinant Influenza A H1N1 (A/Michigan/45/2015) HA1 Protein, His-tagged

Cat. No. HA-190H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Michigan/45/2015 (H1N1)) hemagglutinin (translated amino acids of EPI859651) (Met1-Arg344), termed as HA1, fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells.
Species	H1N1
Source	HEK293
ProteinLength	1-344 a.a.
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant HA1 subunit of the Influenza A virus (A/Michigan/45/2015 (H1N1)) hemagglutinin consists of 338 amino acids and predicts a molecular mass of 37.9 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 85 % 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 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Official Symbol	HA
Synonyms	HA; Hemagglutinin
Protein Refseq	EPI859651

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