Recombinant Influenza A H1N1 (A/Brisbane/02/2018) HA protein(Met1-Ile530), His-tagged

Cat. No. HA-3356V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Brisbane/02/2018 (H1N1)) hemagglutinin (translated amino acids of EPI1312566) (Met1-Ile530), termed as HA, was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	H1N1
Source	HEK293
ProteinLength	Met1-Ile530
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 recombinant hemagglutinin of the Influenza A virus (A/Brisbane/02/2018 (H1N1)) consists of 524 amino acids and predicts a molecular mass of 59.2 kDa. it migrates as an approximately 63.4 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg 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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