

Recombinant H1N1(A/California/07/2009) HA protein, His-tagged, Biotinylated

Cat. No. HA-298VB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain of Influenza A virus H1N1 (A/California/07/2009) (ACP44189.1) hemagglutinin (Met1-Gln529) (HA1+HA2, two amino acids deletion, uncleaved), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
Species	H1N1
Source	HEK293
ProteinLength	1-529 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 hemagglutinin of Influenza A virus (A/California/07/2009(H1N1)) consists of 521 amino acids and predicts a molecular mass of 59 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % 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.

Conjugation

Biotin

GENE INFORMATION**Official Symbol**

HA

Synonyms

HA

Protein Refseq

ACP44189.1

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