

Recombinant Influenza A H1N1 (A/Fort Monmouth/1/1947) HA Protein, His-tagged

Cat. No. HA-184H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Fort Monmouth/1/1947) (H1N1) hemagglutinin (ABD77807.1) (Met1-Gln529), termed as HA, fused with a polyhistidine tag at the C-terminus, was expressed in Baculovirus-Insect Cells.
Species	H1N1
Source	Insect Cells
ProteinLength	1-529 a.a.
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile pH 8.0, 20 mM Tris, 500 mM NaCl, 10 % gly, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/Fort Monmouth/1/1947) (H1N1) consists of 523 amino acids and predicts a molecular mass of 59.3 kDa.
Endotoxin	< 1.0 EU per µg of the 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. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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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[ABD77807.1](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA