

Recombinant Influenza A H1N1 HA protein, His-tagged

Cat. No. HA-179V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H1N1 HA(Met1-Gln528) protein fused with His tag at C-terminal was expressed in Insect cells.
Species	Influenza A H1N1
Source	Insect Cells
ProteinLength	Met1-Gln528
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/Puerto Rico/8/1934(H1N1)) consists 522 amino acids and predicts a molecular mass of 59.2 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C

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Storage	Store it under sterile conditions at -20 centigrade to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
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

Gene Name	HA haemagglutinin [Influenza A virus (A/Puerto Rico/8/1934(H1N1))]
Official Symbol	HA
Synonyms	haemagglutinin; HA1; HA2
Gene ID	956529
mRNA Refseq	
Protein Refseq	NP_040980
MIM	
UniProt ID	P03452
Pathway	Adaptive Immune System, organism-specific biosystem; Budding, organism-specific biosystem; Entry of Influenza Virion into Host Cell via Endocytosis, organism-specific biosystem

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