

Recombinant H1N1(A/Brevig Mission/1/1918) HA protein, His-tagged

Cat. No. HA-733I Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant H1N1(A/Brevig Mission/1/1918) HA protein(AAD17229.1) (Met 1-Gln 529) (Native, HA1+HA2, uncleaved) was expressed in HEK293 with a C-terminal polyhistidine tag.

Species H1N1

Source HEK293

ProteinLength 1-529 aa

Form Lyophilized from sterile PBS, pH 7.4.

Molecular Mass The secreted recombinant hemagglutinin of Influenza A virus (A/Brevig Mission/1/1918 (H1N1)) comprises 523 amino acids with the predicted molecular mass of 58.6 kDa. As a result of glycosylation, it migrates as an approximately 70 kDa band in SDS-PAGE under reducing conditions.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Purity > 97 % as determined by SDS-PAGE

Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

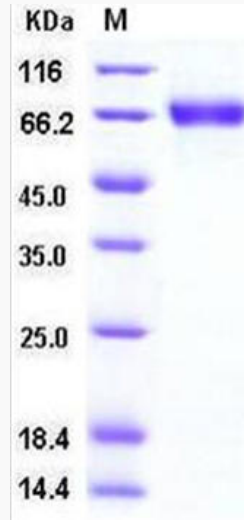
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Reconstitution

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.

SDS-PAGE

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