

Active Recombinant Influenza A H1N1 (A/California/04/2009) NA protein, Fc-tagged

Cat. No. NA-0425H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H1N1 (A/California/04/2009) NA protein(His36-Lys469)(ACP41107.1), fused with Fc tag, was expressed in HEK293.
Species	Influenza A H1N1 (A/California/04/2009)
Source	HEK293
ProteinLength	His36-Lys469
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Inactive
Molecular Mass	The secreted recombinant neuraminidase (A/California/04/2009 (H1N1))/Fc chimera is a disulfied-lined homodimer. The reduced monomer comprises 692 amino acids with the predicted molecular mass of 76 kDa. As a result of glycosylation, it migrates as an approximately 95-105 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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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.

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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