

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

Cat. No. NA-777H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant H1N1(A/California/04/2009) NA protein(ACP41107.1) (His 36-Lys 469) was expressed in HEK293 with the fused Fc region of human IgG1 at the N-terminus linked by a peptide linker.

Species H1N1

Source HEK293

ProteinLength 36-469 aa

Form Lyophilized from sterile PBS, pH 7.4.

Molecular Mass The secreted recombinant neuraminidase (A/California/04/2009 (H1N1))/Fc chimera is a disulfide-linked 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

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.

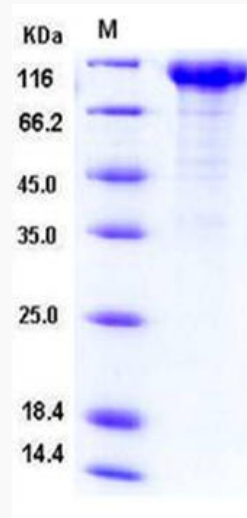
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 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