Recombinant Influenza A H1N1 (A/Puerto Rico/8/34/Mount Sinai) NS2 protein(Met1-Ile121), His-tagged

Cat. No. NS2-2424H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) NS2 protein (P03508.1) (Met 1-Ile 121) was expressed in E. coli, with a polyhistidine tag at the N-terminus.
Species	H1N1
Source	E.coli
ProteinLength	Met1-Ile121
Form	Lyophilized from sterile 20mM HEPES, 1mM EDTA, pH 7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) NS2 protein comprises 121 amino acids and has a predicted molecular mass of 14.4 kDa. It migrates as an approximately 13 kDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % 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 be aliquoted 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.

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