Active Recombinant Influenza A H4N6 (A/mallard/Ohio/657/2002) NA protein

Cat. No. NA-0410H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H4N6 (A/mallard/Ohio/657/2002) NA protein(Met1-Lys470)(ABI47998.1) was expressed in HEK293.
Species	Influenza A H4N6 (A/mallard/Ohio/657/2002)
Source	HEK293
ProteinLength	Met1-Lys470
Form	Lyophilized from sterile PBS, 1%Triton X-100 pH7.4,5% Trehalose, 5%mannitol, 0.01% Tween-80.Please 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	Measured by its ability to cleave a fluorogenic substrate, 2'-(4-Methylumbelliferyl)-α-D-N-acetylneuraminic acid. The specific activity is > 100 U.The specific activity is > 1500 U.One unit is defined as the amount of enzyme required to cleave 1 nmole of 2'-(4-Methylumbelliferyl)-α-D-N-acetylneuraminic acid per minute at pH 7.5 at 37°C.
Molecular Mass	The recombinant influenza A virus (A/mallard/Ohio/657/2002(H4N6)) neuraminidase comprises 470 amino acids and has a predicted molecular mass of 51.6 kDa.
Endotoxin	< 1.0 EU per

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

	μg protein as determined by the LAL method.
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.

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