

Active Recombinant Influenza A virus Neuraminidase, His-tagged

Cat. No. NA-05I Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Brisbane/10/2007 (H3N2)) NA (residues 44-469) was produced from the synthetic gene with the N-terminal His-tag in Trichoplusia ni larval expression system.
Species	Influenza A Virus
Source	Trichoplusia Ni Larval
ProteinLength	44-469 a.a.
Form	1 mg/mL, 0.2 μM Filtered
Bio-activity	Catalytic activity: hydrolysis of alpha-(2->3)-, alpha-(2->6)-, alpha-(2->8)- glycosidic linkages of terminal sialic acid residues in oligosaccharides, glycoproteins, glycolipids, colomonic acid and synthetic substrates. Homotetramer.
AA Sequence	DPGHHHHHHH SPPNNQVMLC EPTIIERNIT EIVYLTNTTI EKEICPKLAE YRNWSKPQCD ITGFAPFSKD NSIRLSAGGD IWVTREPYVS CDPDKCYQFA LGQGTTLNNV HSNDRVDRTPYRRTLLMNEL GVPFHLGTKQ VCIWSSSSC HDGKAWLHVC ITGDDKNATA SFIYNGRLVD SIVSWSKEIL RTQESECVCI NGTCTVMTD GSASGKADTK ILFIEEGKIV HTSTLSGSAQHVEECSCYPR YPGVRCVCRD NWKGSNRPIV DINIKDHSTV SSVVCSGLVG DTPRKNDSSS SSHCLDPNNE EGGHGVKGWA FDDGNDVWMG RTISEKSRLG YETFKVIEGW SNPKSKLQINRQVIVDRGNR SGYSGIFSVE GKSCINRCFY VELIRGRKEE

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



TEVLWTSNSI VVFCGTSGTY GTGSWPDGAD INLMPI

Purity

>90% as determined by SDS-PAGE

Storage

Store at -80°C or colder upon arrival. Freeze-thaw cycles of this product should be avoided.

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