



Certificate of Analysis

NA/Neuraminidase Protein, Influenza A H5N1 (H255Y, HEK293)

Cat. No.: HY-P73239
Batch No.: 325544
Species: Virus
Source: HEK293
Tag: Tag Free
Accession: ABU94738.1 (M1-K449, H255Y)
Gene ID: /
Molecular Weight: Approximately 49.2 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Biological Activity	Measured by its ability to cleave a fluorogenic substrate, 2'-(4-Methylumbelliferyl)- α -D-N-acetylneuraminic acid. 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.	60 U
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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