

Active Recombinant *M.viridifaciens* neuraminidase NA Protein, His-tagged

Cat. No. NA-474M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>M.viridifaciens</i> neuraminidase (BAA00852.1) (Pro42-Gly403) was expressed, with a N-terminal polyhistidine tag
Species	<i>M.viridifaciens</i>
Source	<i>E.coli</i>
ProteinLength	Pro42-Gly403
Predicted N Terminal	Met 1
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to cleave a fluorogenic substrate, 2'-(4-Methylumbelliferyl)- α -D-N-acetylneuraminic acid. The specific activity is 10,000 pmoles/min/ μ g. as measured under the described conditions.
Molecular Mass	The recombinant <i>M.viridifaciens</i> neuraminidase consisting of 369 amino acids and has a calculated molecular mass of 39.7 kDa as estimated in SDS-PAGE under reducing conditions as predicted.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method

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Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 centigrade to -80 centigrade. 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.
GENE INFORMATION	
Official Symbol	NA
Synonyms	neuraminidase;NA Protein

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