

Active Recombinant *M. viridifaciens* Neuraminidase protein, His-tagged

Cat. No. Neuraminidase-7433M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant <i>M. viridifaciens</i> Neuraminidase protein(BAA00852.1) (Pro 42-Gly 403) was expressed in <i>E.coli</i> , with a N-terminal polyhistidine tag.
Species	<i>M. viridifaciens</i>
Source	<i>E.coli</i>
ProteinLength	42-403 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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.
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.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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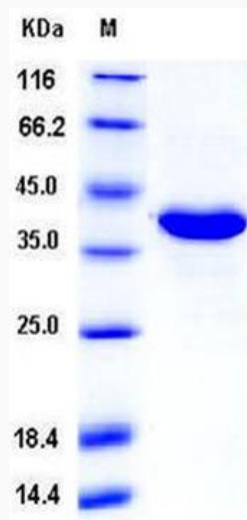
 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

SDS-PAGE



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