

Neuraminidase (Sialidase)

Summary

Catalog No. YXX09401

Alternative Names Sialidase, 3.2.1.18, Neuraminidase; nanH

Form Lyophilized

Storage buffer Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4%

Trehalose, 1% Mannitol.

Purity >90% as determined by SDS-PAGE.

Applications Neuraminidase (Sialidase) has been used to desialylate transferrin in

order to study its isoforms in human serum.

Endotoxin level Please contact with the lab for this information.

Expression system E. coli

Protein length Neuraminidase (Sialidase) is cloned from Clostridium perfringens and

expressed in E. coli.

Nature Recombinant

Predicted molecular weight 44.04 kDa

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store

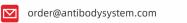
Stability and Storage at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from

the date of receipt.

Reconstitute in sterile water for a stock solution. A copy of datasheet will

be provided with the products, please refer to it for details.

Species Clostridium perfringens





In general, proteins are provided as lyophilized powder/frozen liquid.

Shipping They are shipped out with dry ice/blue ice unless customers require

otherwise.

Note For research use only.

Description

Cleaves terminal sialic-acid residues that are α 2,3-, α 2,6-, or α 2,8-linked to Gal, GlcNAc, GalNAc, AcNeu, GlcNeu, oligosaccharides, glycolipids, or glycoproteins. Relative rate of cleavage is α 2,3 > α 2,8 = α 2,6, determined on bonds in tri- and tetrasaccharides.

Data Image



SDS PAGE for Recombinant Clostridium perfringens nanH/Sialidase Protein