

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
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.
Reconstitution	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

Shipping

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