

Recombinant Clostridium perfringens Neuraminidase Protein

Cat. No. Neuraminidase-1412C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Neuraminidase (Sialidase) is cloned from Clostridium perfringens and expressed in E. coli.
Species	Clostridium perfringens
Source	E.coli
Description	Cleaves terminal sialic-acid residues that are $\alpha 2, 3$ -, $\alpha 2, 6$ -, or $\alpha 2, 8$ -linked to Gal, GlcNAc, GalNAc, AcNeu, GlcNeu, oligosaccharides, glycolipids, or glycoproteins. Relative rate of cleavage is $\alpha 2, 3 > \alpha 2, 8 = \alpha 2, 6$, determined on bonds in tri- and tetrasaccharides.
Form	Lyophilized powder/frozen liquid
Molecular Mass	44.04 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Lyophilized from a solution in PBS, pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose,

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

1% Mannitol.

Shipping

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

GENE INFORMATION**Official Symbol**

Neuraminidase

Synonyms

Neuraminidase; Sialidase; 3.2.1.18; nanH

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