

Active Recombinant Clostridium perfringens $\alpha(2\rightarrow3,6)$ Neuraminidase

Cat. No. Neuraminidase-010C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Clostridium perfringens $\alpha(2\rightarrow3,6)$ Neuraminidase without tag Tag Free was expressed in E. coli.
Species	Clostridium perfringens (C. welchii)
Source	E.coli
Form	Buffered aqueous solution
Enzyme Commission number	3.2.1.18 (BRENDA, IUBMB)
MDL number	MFCD01092201
UNSPSC Code	12352204
NACRES	NA.32
Foreign activity	Proteases, none detected
Biochem/physiol Actions	Releases $\alpha(2\rightarrow3)$ - and $\alpha(2\rightarrow6)$ -linked N-acetylneuraminic acid from complex oligosaccharides.
Bio-activity	≥ 250 units/mg protein

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Molecular Mass	~41 kDa
Unit Definition	One unit will hydrolyze 1 μ mole of 4-methylumbelliferyl α -D-N-acetylneuraminide per min at pH 5.0 at 37 centigrade
Storage	2-8 centigrade
Storage Buffer	Solution in 20 mM Tris-HCl, pH 7.5, and 25 mM NaCl.
Shipping	Wet ice
GENE INFORMATION	
Official Symbol	Neuraminidase
Synonyms	Acyl-Neuraminyd Hydrolase; Sialidase

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