

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

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

### SPECIFICATION

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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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



<b>Molecular Mass</b>	~41 kDa
<b>Unit Definition</b>	One unit will hydrolyze 1 $\mu$ mole of 4-methylumbelliferyl $\alpha$ -D-N-acetylneuraminide per min at pH 5.0 at 37 centigrade
<b>Storage</b>	2-8 centigrade
<b>Storage Buffer</b>	Solution in 20 mM Tris-HCl, pH 7.5, and 25 mM NaCl.
<b>Shipping</b>	Wet ice

## GENE INFORMATION

<b>Official Symbol</b>	Neuraminidase
<b>Synonyms</b>	Acyl-Neuraminydase; Sialidase

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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