



For research use only

ISO9001

α 2-3 Neuraminidase

Product	Quantity	Cat. No.	Remarks
α 2-3 Neuraminidase	10,000 unit	EBG-1012	100 unit/ μ l

Description

α 2-3 Neuraminidase catalyzes the hydrolysis of α 2-3 linked N-acetyl-neuraminic acid residues from oligosaccharides. α 2-3 Neuraminidase is purified from *E.coli* containing gene from *Salmonella typhimurium*. α 2-3 Neuraminidase has a 260-fold kinetic preference for the α 2-3 linked sialic acid linkage.

α 2-3 Neuraminidase has a molecular weight of ~43 kDa. The optimal pH is 6.0.

Substrate Specificity

Neu5AC α 2↓3R

Product Component

- α 2-3 Neuraminidase : 100 μ l (100 unit/ μ l)
- 10x Reaction Buffer : 500 mM sodium citrate, pH 6.0.

Unit Definition

One unit will hydrolyze 1 μ mole of 4-methylumbelliferyl α -D-N-acetylneuraminide (4-MU-NANA) per min at pH 5.0 at 37 °C.

Specific Activity

100 unit/ μ l, 200 unit/ μ g

Storage Buffer

20 mM Tris-HCl, pH7.5, 50 mM NaCl, 5 mM EDTA.

Storage Temperature

Store at -20°C.

QC Tests

Activity, SDS-PAGE purity, performance tests. .



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