



Product Information

Recombinant *Streptococcus pneumoniae* anhydrosialidase 33B

Cat. No.: X23-08-YM1022

Size: 1 mg; 2 mg; 3 mg; 6 mg

Enzyme Commission Number: 4.2.2.15

Synonym: SpNan33B; Sialglycoconjugate *N*-acylneuraminyhydrolase

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Recombinant <i>Streptococcus pneumoniae</i> anhydrosialidase 33B produced by <i>Escherichia coli</i> , is an enzyme that catalyzes the removal of alpha-sialyl groups from <i>N</i> -acetylneuraminic acid glycosides, resulting in the release of 2,7-anhydro-alpha- <i>N</i> -acetylneuraminate.
Expression System	<i>Escherichia coli</i>
Species	<i>Streptococcus pneumoniae</i>
Concentration	1 mg/mL
Form	Liquid
Purity	≥90%, determined by SDS-PAGE.
Activity	Sialidases
Buffer	35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM imidazole, 3.5 mM CaCl ₂ , and 25% (v/v) glycerol
Applications	Recombinant <i>Streptococcus pneumoniae</i> anhydrosialidase 33B can be used for glycobiology research. It has the ability to hydrolyze glycoprotein human alpha-1 (AGP), and sialic acids.
Storage	Store at -20°C.