



Product Information

Recombinant *Streptococcus pyogenes* α -mannosidase 38A

Cat. No.: X23-08-YM225

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

Enzyme Commission Number: 3.2.1.-

Synonym: SpMns38A; 1,2-Alpha-mannosidase; Alpha-D-mannoside mannohydrolase; Exo-alpha-mannosidase

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

Product Information

Description	Recombinant <i>Streptococcus pyogenes</i> α -mannosidase 38A produced by <i>Escherichia coli</i> , is a glycoside hydrolase and is responsible for cleaving the alpha-mannose.
Expression System	<i>Escherichia coli</i>
Species	<i>Streptococcus pyogenes</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	α -Mannosidases
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 pyogenes</i> α -mannosidase 38A can be used for the digestion of neutral glycans. It has the ability to hydrolyze mammalian high mannose N-glycans (HMNG).
Storage	Store at -20°C.