



## Product Information

### Recombinant *Streptococcus pneumoniae* $\alpha$ -mannosidase 125A

**Cat. No.:** X23-08-YM210

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

**Enzyme Commission Number:** 3.2.1.163

**Synonym:** SpMns125A; 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

<b>Description</b>	Recombinant <i>Streptococcus pneumoniae</i> $\alpha$ -mannosidase 125A produced by <i>Escherichia coli</i> , is a glycoside hydrolase and is responsible for cleaving the alpha-mannose.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Streptococcus pneumoniae</i>
<b>Concentration</b>	1 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	$\alpha$ -Mannosidases
<b>Buffer</b>	35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM imidazole, 3.5 mM CaCl <sub>2</sub> , and 25% (v/v) glycerol
<b>Applications</b>	Recombinant <i>Streptococcus pneumoniae</i> $\alpha$ -mannosidase 125A can be used for the digestion of neutral glycans. It has the ability to hydrolyze 2,4-dinitrophenyl- $\beta$ -D-mannopyranoside.
<b>Storage</b>	Store at -20°C.