



Product Information

Recombinant *Ruminococcus albus* mannosylglucose phosphorylase 130A

Cat. No.: X23-08-YM362

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

Enzyme Commission Number: 2.4.1.281

Synonym: RaMgp130A; 4-O-β-D-Mannosyl-D-glucose phosphorylase

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

Product Information

Description	Recombinant <i>Ruminococcus albus</i> mannosylglucose phosphorylase 130A produced by <i>Escherichia coli</i> , is classified under the enzyme commission (E.C.) number 2.4.1.281.
Expression System	<i>Escherichia coli</i>
Species	<i>Ruminococcus albus</i>
Concentration	1 mg/mL
Form	Liquid
Purity	≥90%, determined by SDS-PAGE.
Activity	Mannosylglucose phosphorylases
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>Ruminococcus albus</i> mannosylglucose phosphorylase 130A can be used in enzymatic synthesis of novel manno-oligosaccharides. It has the ability to hydrolyze 1,4-β-mannooligosaccharides.
Storage	Store at -20°C.