



## Product Information

### Recombinant *Escherichia coli* peptidoglycan lytic exotransglycosylase 102A

**Cat. No.:** X23-08-YM140

**Size:** 0.25 mg; 0.50 mg; 0.75 mg; 1 mg

**Enzyme Commission Number:** 4.2.2.n1

**Synonym:** EcMlt102A; Peptidoglycan lytic exo-transglycosylase

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

#### Product Information

<b>Description</b>	Recombinant <i>Escherichia coli</i> peptidoglycan lytic exotransglycosylase 102A produced by <i>Escherichia coli</i> , cleaves the linkage from either the reducing or non-reducing ends of the peptidoglycan chains, while forming a 1,6-anhydrobond in the MurNAc residue.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Escherichia coli</i>
<b>Concentration</b>	0.25 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	≥90%, determined by SDS-PAGE.
<b>Activity</b>	Peptidoglycan lytic exotransglycosylases
<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>Escherichia coli</i> peptidoglycan lytic exotransglycosylase 102A can be used for glycobiology research. It has the ability to hydrolyze murein glycan and murein sacculi.
<b>Storage</b>	Store at -20°C.