



## Product Information

### Recombinant *Fibrobacter succinogenes* acetyl xylan esterase 6A

**Cat. No.:** X23-08-YM950

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

**Enzyme Commission Number:** 3.1.1.72

**Synonym:** FsAxe6A; Acetyl xylan esterase

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

#### Product Information

<b>Description</b>	Recombinant <i>Fibrobacter succinogenes</i> acetyl xylan esterase 6A acts as an enzyme involved in the deacetylation process of xylans and xylo-oligosaccharides and is produced in <i>Escherichia coli</i> . acetyl xylan esterase 6A produced by <i>Escherichia coli</i> , plays a role in cleaving the ester link between the polysaccharide main chain of xylans and monomeric or dimeric ferulates. It is produced in <i>Escherichia coli</i> .
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Fibrobacter succinogenes</i> from <i>Fibrobacter succinogenes</i>
<b>Concentration</b>	1 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	≥90%, determined by SDS-PAGE.
<b>Activity</b>	Acetyl xylan esterases
<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>Fibrobacter succinogenes</i> acetyl xylan esterase 6A acts as an enzyme involved in the deacetylation process of xylans and xylo-oligosaccharides and is produced in <i>Escherichia coli</i> .
<b>Storage</b>	Store at -20°C.