



## Product Information

### Recombinant *Streptococcus mutans* fructanase 32A

**Cat. No.:** X23-08-YM418

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

**Enzyme Commission Number:** 3.2.1.80

**Synonym:** *SmFru32A*; *Endo*-inulinase; Indoinulinase; 2,1- $\beta$ -D-Fructan fructanohydrolase; Exoinulinase. *Exo*-inulinase: Beta-D-fructan fructohydrolase; Beta-fructofuranosidase; Beta-D-fructofuranoside fructohydrolase

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

#### Product Information

<b>Description</b>	Recombinant <i>Streptococcus mutans</i> fructanase 32A produced by <i>Escherichia coli</i> , is a catalytic enzyme that attacks the bonds of one fructose attached to the inulin chain.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Streptococcus mutans</i>
<b>Concentration</b>	0.25 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Fructanases
<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>Storage</b>	Store at -20°C.