



Product Information

Fructanase mixture from *Aspergillus* sp., Liquid

Cat. No.: X23-06-YM022

Size: 10 mL; 20 mL; 50 mL

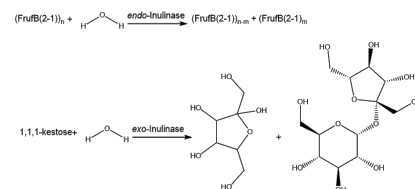
Enzyme Commission Number: 3.2.1.7; 3.2.1.80

Synonym: *Endo*-inulinase: Indoinulinase; 2,1-β-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

Description	Fructanase mixture from <i>Aspergillus</i> sp., a catalytic enzyme, attacks the bonds of one fructose attached to the inulin chain.
Unit Definition	<i>Endo</i> -Inulinase: One unit of <i>Endo</i> -inulinase activity is defined as the amount of enzyme required to release one μmole of β-D-fructose reducing-sugar equivalents per minute from inulin (20 mg/mL) in sodium acetate buffer (100 mM), pH 4.5. <i>Exo</i> -Inulinase: One unit of <i>Exo</i> -inulinase activity is defined as the amount of enzyme required to release one μmole of β-D-fructose reducing-sugar equivalents per minute from kestose (5 mg/mL) in sodium acetate buffer (100 mM), at pH 4.5 at 40°C.
Source	<i>Aspergillus</i> sp.
Form	Liquid
Applications	Fructanase mixture from <i>Aspergillus</i> sp. can be used for the measurement of fructan in carbohydrate research, biochemical enzyme analyses, and <i>in vitro</i> diagnostic analysis.
Storage	Store at -20°C.