Creative Enzymes®

fructan β-(2,6)-fructosidase

Cat. No. EXWM-3837

Lot. No. (See product label)

Introduction

Description	Possesses one of the activities of EC 3.2.1.80, fructan β-fructosidase. While the best substrates are the levan-type fructans such as 6-kestotriose [β-D-fructofuranosyl-(2→6)-β-D-fructofuranosyl α-D-glucopyranoside] and 6,6-kestotetraose [β-D-fructofuranosyl-(2→6)-β-D-fructofuranosyl-(2→6)-β-D-fructofuranosyl α-D-glucopyranoside], some (but not all) inulin-type fructans can also be hydrolysed, but more slowly [cf. EC 3.2.1.153, fructan β-(2,1)-fructosidase]. Sucrose, while being a very poor substrate, can substantially inhibit enzyme activity in some cases.
Synonyms	β-(2-6)-fructan exohydrolase; levanase; 6-FEH; β-(2,6)-D-fructan fructohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.2.1.154
CAS No.	1000597-62-5
Reaction	Hydrolysis of terminal, non-reducing (2→6)-linked β-D-fructofuranose residues in fructans
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.