



Creative Enzymes

Diagnostic Enzymes

High Purity Recombinant Alpha-Rhamnosidase

Product Information

Cat#	DIA-504
Source	Prokaryote
Description	High purity recombinant α -rhamnosidase from prokaryote for use in research, biochemical enzyme assays and in vitro diagnostic analysis.
Form	Suspension
CAS No.	37288-35-0
Activity	~ 110 U/mg (50 °C, pH 6.5 on p-nitrophenyl- α -L-rhamnoside)
Unit Definition	One unit of α -L-rhamnosidase activity is defined as the amount of enzyme required to release one μ mole of p-nitrophenol (pNP) per minute from p-nitrophenyl- α -rhamnoside (5 mM) in sodium phosphate buffer (100 mM), pH 6.5 at 50 °C.
Storage	2–8 °C
Synonyms	α -L-rhamnosidase; α -L-rhamnoside rhamnohydrolase
Stability	> 1 year under recommended storage conditions
Optimum temperature	50 °C
Buffer	3.2 M ammonium sulphate
Applications	Applications in carbohydrate and biofuels research.
Molecular Weight	75400 Da
Concentration	~ 1500 U/mL
Specificity	Hydrolysis of terminal non-reducing α -L-rhamnose residues in α -L-rhamnosides.

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