

Isoamylase (Glycogen 6-Glucanohydrolase) from *Pseudomonas*

Product Information

Cat#	DIA-531
Source	<i>Pseudomonas</i> sp.
Description	Pure isoamylase (glycogen 6-glucanohydrolase) for use in research, biochemical enzyme assays and analytical testing applications.
Form	Suspension
ECNumber	3.2.1.68
Activity	~ 120 U/mg (40 °C, pH 4.0 on oyster glycogen)
Stability	> 1 year under recommended storage conditions
Unit Definition	One unit of isoamylase activity is the amount of enzyme required to release one μ mole of D-glucose reducing sugar equivalent in the presence of oyster glycogen per min at pH 4.0 and 40 °C.
Storage	2–8 °C
Synonyms	Isoamylase; glycogen 6- α -D-glucanohydrolase
Applications	Applications in carbohydrate research and in the food and feeds, and cereals industry.
Molecular Weight	71500 Da
Concentration	~ 200 U/mL
Specificity	Hydrolysis of (1,6)- α -D-glucosidic branch linkages in glycogen, amylopectin and their β -limit dextrans.