



Native *K. pneumoniae* Pullulanase (DAG098)

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

PRODUCT INFORMATION

Product Overview	Enzymepurified from <i>Klebsiella pneumoniae</i> (<i>Aerobacter aerogenes</i>)
Species	<i>K. pneumoniae</i>
Conjugate	Unconjugated
Format	Liquidsuspended in 3.2M ammonium sulfate solution, pH 6
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Pullulanase is a specific kind of glucanase, an amylolytic exoenzyme, that degrades pullulan. It is produced as an extracellular, cell surface-anchored lipoprotein by Gram-negative bacteria of the genus <i>Klebsiella</i> . Type I pullulanases specifically attack α -1,6 linkages, while type II pullulanases are also able to hydrolyse α -1,4 linkages. It is also produced by some other bacteria and archaea. Pullulanase is used as a detergent in biotechnology.
Keywords	pullulanase; YP_002240364.1; EC 3.2.1.41; pullulan-6-glucanohydrolase