



# Native *A. aerogenes* Pullulanase (DAG099)

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

## PRODUCT INFORMATION

Product Overview	Enzyme purified from <i>Aerobacter aerogenes</i> ATCC 9621
Species	<i>A. aerogenes</i>
Conjugate	Unconjugated
Format	Partially purified powder in diatomaceous earth.
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 $\alpha$ -1,6 linkages, while type II pullulanases are also able to hydrolyse $\alpha$ -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