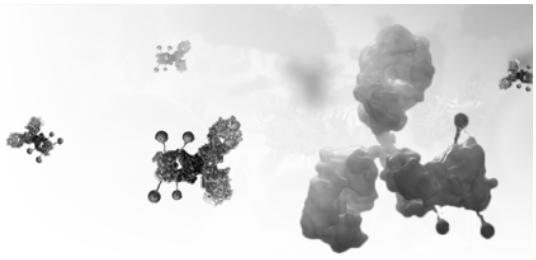

Recombinant S. plicatus Endo-β-N-acetylglucosaminidase H, Endo H (a.a. 47-313) [His] (DAG2616)

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

PRODUCT INFORMATION

Product Overview	Recombinant S. plicatus Endo-β-N-acetylglucosaminidase H/Endo H antigen, was expressed in E. coli. Val47-Pro313, with an N-terminal Met and 6-His tag (Accession # P04067)
Species	S. plicatus
Purity	> 95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Conjugate	His
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	In enzymology, a beta-aspartyl-N-acetylglucosaminidase (EC 3.2.2.11) is an enzyme that catalyzes the chemical reaction: 1-beta-aspartyl-N-acetyl-D-glucosaminylamine + H2O L-asparagine + N-acetyl-D-glucosamine. Thus, the two substrates of this enzyme are 1-beta-aspartyl-N-acetyl-D-glucosaminylamine and H2O, whereas its two products are L-asparagine and N-acetyl-D-glucosamine. This enzyme belongs to the family of hydrolases, specifically those glycosylases that hydrolyse N-glycosyl compounds. The systematic name of this enzyme class is 1-beta-aspartyl-N-acetyl-D-glucosaminylamine L-asparaginohydrolase. This enzyme is also called beta-aspartylacetylglucosaminidase.
Keywords	Beta-aspartyl-N-acetylglucosaminidase; beta-aspartylacetylglucosaminidase; 1-beta-aspartyl-N-acetyl-D-glucosaminylamine L-asparaginohydrolase; F. meningosepticum Endo H protein; Endo H; Endo-β-N-acetylglucosaminidase H

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