Creative Enzymes®

UDP-acetylglucosamine deacetylase from Escherichia coli, Recombinant

Cat. No. NATE-1537

Lot. No. (See product label)

Introduction

Description	UDP-acetylglucosamine deacetylase is a metal-dependent deacetylase from Escherichia coli that removes the acetyl group from the 2-amino group of UDP-(3-O-(R-3-hydroxymyristoyl))-N-acetylglucosamine (myr-UDP-GlcNAc)3.
Synonyms	EC 3.5.1.-; metal-dependent deacetylase; UDP-acetylglucosamine deacetylase

Product Information

Species	Escherichia coli
Source	E. coli
Form	35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl2, 0.02% sodium azide and 25% (v/v) glycerol
EC Number	EC 3.5.1.-
Molecular Weight	36.0 kDa
Purity	>90% as judged by SDS-PAGE
Concentration	1 mg/mL
Optimum pH	7.5
Optimum temperature	30 °C
Specificity	UDP-(3-O-(R-3-hydroxymyristoyl))-N-acetylglucosamine

Storage and Shipping Information

Storage	This enzyme is shipped at room temperature but should be stored at -20 °C.