
Product Data Sheet

Product Name: GLB1
Cat. No.: GP21676
Batch No.: 1

Product Data

Purity	>98%	Source	EscherichiaColi.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	lacZ; beta-gal; жТ-gal.		
Formulation	Beta-Galactosidase (1mg/1ml) is formulated in 8M urea, 20mM Tris-HCl pH 8.0, and 10mM beta-mercaptoethanol		

Introduction

Beta-galactosidase is a hydrolase enzyme that catalyzes the hydrolysis of Beta-galactosides into monosaccharides. Substrates of different Beta-galactosidases include ganglioside GM1, lactosylceramides, lactose, and various glycoproteins. Beta-galactosidase is produced In E. coli by activation of the lac operon as the lacZ gene.

Stability

Protein should be stored for Short Term at 4°C and for long term at -20°C .

Background

The E.Coli derived recombinant protein Beta-galactosidase (114 kDa) is enzymatically inactive and Non-reactive with human serum.

Caution: Product has not been fully validated for medical applications. For research use only.

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