

## GLB1

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

Catalog #:ENPS-048

**Synonyms:**lacZ, beta-gal, -gal.

For research use only.

**Purity:**Protein is >95% pure as determined by SDS-PAGE, by measuring optical density at 280 nm and by method of Bradford et al.

**Formulation:**

Beta-Galactosidase (1mg/1ml) is formulated in 8M urea, 20mM Tris-HCl pH 8.0, and 10mM beta-mercaptoethanol

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

**Storage:**

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

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