

Galactosidase-Beta 1 Recombinant Protein | GLB1 recombinant protein

Recombinant E Coli Galactosidase-Beta 1

CATALOG #
AAA38867

PRODUCT SYNONYMS

Galactosidase-Beta 1; Recombinant E Coli Galactosidase-Beta 1; GLB1; Galactosidase-Beta 1 E.coli Recombinant; lacZ; beta-gal; GLB1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Protein is >95% pure as determined by SDS-PAGE, by measuring optical density at 280 nm and by method of Bradford et al. Purified by proprietary chromatographic technique.
Form/Format	Beta-Galactosidase (1mg/1ml) is formulated in 8M urea, 20mM Tris-HCl pH 8.0, and 10mM beta-mercaptoethanol Sterile filtered colorless solution.
Sequence Length	1024
Preparation and Storage	Protein should be stored for Short Term at 4 degree C and for long term at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for GLB1 recombinant protein	Description: The E Coli derived recombinant protein Beta-galactosidase (114 kDa) is enzymatically inactive and Non-reactive with human serum. 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.
Product Categories/Family for GLB1 recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	16128329
NCBI GeneID	945006
NCBI Accession #	NP_414878.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P00722; Q2MC80
Molecular Weight	116,483 Da
NCBI Official Full Name	beta-D-galactosidase
NCBI Official Symbol	lacZ
NCBI Official Synonym Symbols	ECK0341; JW0335
NCBI Protein Information	beta-D-galactosidase
UniProt Protein Name	Beta-galactosidase

UniProt Gene Name	lacZ
UniProt Synonym Gene Names	Beta-gal
UniProt Entry Name	BGAL_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lacZ-recombinant-protein/38867>