

Active Recombinant Bacillus Stearothermo Glycerol Kinase

Cat. No. GK-01B Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Bacillus Stearothermo Glycerol Kinase was expressed in E. coli.
Species	Bacillus Stearothermo
Source	E.coli
Description	Kinase that plays a key role in glycerol metabolism, catalyzing its phosphorylation to produce sn-glycerol 3-phosphate. Sn-glycerol 3-phosphate is a crucial intermediate in various metabolic pathways, such as the synthesis of glycerolipids and triglycerides, glycogenesis, glycolysis and gluconeogenesis.
Form	Lyophilized powder
Bio-activity	Specific Activity: 196 U/mg protein Activity: 176.26 U/mg solid
Purity	≥95% by SDS-PAGE
Storage	Store at -20 centigrade for at least 3 years

GENE INFORMATION

Official Symbol	GK
Synonyms	GK; Glycerol Kinase; GK1; GKD; glycerol kinase; ATP:glycerol 3-phosphotransferase; glycerokinase; EC 2.7.1.30

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