

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA