Active Recombinant E. coli glpK, His-tagged

Cat. No. glpK-259E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E. coli glpK (Accession # AAC76908) Met1-Glu502, fused with a C-terminal 6-His tag, was produced in E. coli-derived.
Species	E.coli
Source	E.coli
ProteinLength	1-502 a.a.
Predicted N Terminal	Thr2
Form	Supplied as a 0.2 μm filtered solution in Tris, NaCl, Glycerol, Brij-35 and DTT.
Bio-activity	Measured by its ability to transfer phosphate from ATP to glycerol.The specific activity is >1,500 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant E. coli glpK, His-tagged has a calculated MW of 57 kDa. In SDS-PAGE migrates as 52-55 kDa, reducing conditions.
Purity	>75%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 μg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	glpK glycerol kinase [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	glpK
Synonyms	glpK; glycerol kinase; ECK3918; JW3897; glycerol kinase; NP_418361.1; EC 2.7.1.30
Gene ID	948423
mRNA Refseq	
Protein Refseq	NP_418361
MIM	

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