

GlpK E. coli

Recombinant E.Coli Glycerol kinase

Catalog Number: C65117
Issuance Date: 8 June 2018

Overview

Synonyms	Glycerolkinase, glycerol 3-phosphotransferase, Glycerokinase, GK.
Introduction	GlpK E. Coli Recombinant produced in E. coli is a single, non-glycosylated polypeptide chain containing 525 amino acids (1-502 a.a) and having a molecular mass of 58.6 kDa. GlpK is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Source	E.coli
Purity	Greater than 95.0% as determined by SDS-PAGE.

Properties

Physical appearance	Sterile Filtered clear solution. GlpK protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSH MGSMTTEKKYIVALDQGTSS RAVVMDHDAN IISVSQREFE QIYPKPGWVE HDPMEIWATQ SSTLVEVLAK ADISSDQIAAIGITNQRETT IVWEKETGKP IYNAIVWQCR RTAEICEHLK RDGLEDYIRS NTGLVIDPYF SGTKVKWILDHVEGSRERAR RGELLFGTVD TWLIWKMTQG RVHVTDYTNA SRTMLFNIHT LDWDDKMLEV LDIPRE

Storage

Stability	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
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