

Glycerol kinase, microorganism

Cat. No.:	HY-P2917	
CAS No.:	9030-66-4	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Glycerol kinase, microorganism
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Glycerol kinase (EC 2.7.1.30) (GyK) is a bacterial sugar kinase, is often used in biochemical studies. Glycerol kinase catalyzes the first step of glycerol metabolism by transforming the triol into glycerol-3-P (G3P). Glycerol kinase is crucial for regulating channel/facilitator-independent uptake of glycerol into the cell^[1].

REFERENCES

[1]. Yeh JI, et al. Structural characterizations of glycerol kinase: unraveling phosphorylation-induced long-range activation. *Biochemistry*. 2009 Jan 20;48(2):346-56.

Caution: Product has not been fully validated for medical applications. For research use only.

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