

Glycerol-3-phosphate oxidase, E. coli

Cat. No.:	HY-P2733	
CAS No.:	9046-28-0	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Glycerol-3-phosphate oxidase, E. coli
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Glycerol-3-phosphate oxidase, E. coli (GPO) is a key intermediate in glycerol metabolism. Glycerol-3-phosphate oxidase can be extracted from Escherichia coli. Glycerol-3-phosphate oxidase is the skeleton of phospholipids in membrane lipids, and also the substrate of respiratory chain. Glycerol-3-phosphate oxidase produces electrons through oxidation^[1].

REFERENCES

[1]. Koga Y, et al. Anaerobic glycerol-3-phosphate dehydrogenase complex from hyperthermophilic archaeon Thermococcus kodakarensis KOD1. J Biosci Bioeng. 2019 Jun;127(6):679-685.

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

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