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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Glycerol-3-phosphate oxidase, microorganism

Cat. No.:	HY-P2733C	
CAS No.:	9046-28-0	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Glycerol-3-phosphate oxidase, microorganism
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Glycerol-3-phosphate oxidase, microorganism is an enzyme that catalyzes the oxidation of glycerol-3-phosphate to dihydroxyacetone phosphate, producing hydrogen peroxide in the process. Glycerol-3-phosphate oxidase is located in the mitochondria of microorganisms and is involved in the glycerol-3-phosphate cycle, regulating cellular energy metabolism. Glycerol-3-phosphate oxidase, microorganism can be used in conjunction with Lipoprotein Lipase and Glycerol Kinase to determine triglyceride levels^[1].

REFERENCES

[1]. Opperdoes FR, et al. Localization of glycerol-3-phosphate oxidase in the mitochondrion and particulate NAD⁺-linked glycerol-3-phosphate dehydrogenase in the microbodies of the bloodstream form of *Trypanosoma brucei*. *Eur J Biochem.* 1977 Jun 1;76(1):29-39.

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

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