



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Glucose-6-phosphate dehydrogenase, Microorganism

Cat. No.:	HY-125863		
CAS No.:	9001-40-5		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Glucose-6-phosphate dehydrogenase, Microorganism

SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL

* "≥" means soluble, but saturation unknown.

BIOLOGICAL ACTIVITY

Description

Glucose-6-phosphate dehydrogenase, Microorganism is the rate-limiting enzyme of the pentose phosphate pathway. Glucose-6-phosphate dehydrogenase is a major source of NADPH that is required by many essential cellular systems including the antioxidant pathways, nitric oxide synthase, NADPH oxidase, cytochrome p450 system, and others. Glucose-6-phosphate dehydrogenase can be used for the research of diabetes, aldosterone-induced endothelial dysfunction, and cancer^[1].

REFERENCES

[1]. Stanton RC. Glucose-6-phosphate dehydrogenase, NADPH, and cell survival. IUBMB Life. 2012 May;64(5):362-9.

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

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