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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Glucose 6-phosphate dehydrogenase (yeast, recombinant)

Cat. No.:	HY-125863B	
CAS No.:	9001-40-5	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Glucose 6-phosphate dehydrogenase (yeast, recombinant)
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Glucose 6-phosphate dehydrogenase (yeast, recombinant) is the rate-limiting enzyme of the pentose phosphate pathway and a major source of NADPH in antioxidant pathways, nitric oxide synthase, NADPH oxidase, and cytochrome P450 systems . Glucose 6-phosphate dehydrogenase helps cells resist oxidative stress and regulates metabolic rates. It holds potential for research in fields such as diabetes, endothelial dysfunction, cancer, and cardiomyopathy^[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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