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Zuschläge

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Sorbitol-6-phosphate 2-dehydrogenase, escherichia coli

Cat. No.:	HY-E70407
CAS No.:	37250-69-4
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Sorbitol-6-phosphate 2-dehydrogenase, escherichia coli

BIOLOGICAL ACTIVITY

Description

Sorbitol-6-phosphate 2-dehydrogenase, escherichia coli is a dehydrogenase produced by E. coli. Sorbitol-6-phosphate 2-dehydrogenase, escherichia coli can catalyze the conversion between D-sorbitol 6-phosphate and D-fructose 6-phosphate, with the oxidation of D-sorbitol 6-phosphate happening at a rate 10 times faster than the reduction of D-fructose 6-phosphate, and it plays a role in various cellular processes^[1].

REFERENCES

[1]. Salomone-Stagni M, et al. Structural and functional analysis of Erwinia amylovora SrlD. The first crystal structure of a sorbitol-6-phosphate 2-dehydrogenase. J Struct Biol. 2018 Aug;203(2):109-119.

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

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