

Glucose dehydrogenase, pseudomonas sp

Cat. No.:	HY-E70014	
CAS No.:	37250-84-3	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Glucose dehydrogenase, pseudomonas sp
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Glucose 1-dehydrogenase (EC 1.1.1.5.9), or glucose dehydrogenase (FAD)/Pseudomonas glucose dehydrogenase. Glucose 1-dehydrogenase is an enzyme used as a regeneration cofactor to convert glucose and NAD(P) into NAD(P)H and gluconic acid [1].

REFERENCES

[1]. Stolarczyk K, et al. NAD(P)-dependent glucose dehydrogenase: Applications for biosensors, bioelectrodes, and biofuel cells. *Bioelectrochemistry*. 2020 Oct;135:107574.

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

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