Glutamate dehydrogenase (NAD(P))

Cat. No.: HY-P2911

CAS No.: 9029-12-3

Target: Mitochondrial Metabolism

Pathway: Metabolic Enzyme/Protease

Storage:

Powder	-20°C	3 years
In solvent	-80°C	6 months
	-20°C	1 month

Glutamate dehydrogenase

BIOLOGICAL ACTIVITY

Description

Glutamate dehydrogenase NAD(P) (GLDH) can be found in hepatocytes, renal tissue, brain, muscle, and intestinal cells. Glutamate dehydrogenase NAD(P) is often used in biochemical studies. Glutamate dehydrogenase is a mitochondrial enzyme, it catalyzes the reversible oxidative deamination of glutamate to α-ketoglutarate (α-KG) as part of the urea cycle[1].

REFERENCES

[1]. Smith HQ, et al. Glutamate Dehydrogenase, a Complex Enzyme at a Crucial Metabolic Branch Point. Neurochem Res. 2019 Jan;44(1):117-132.

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