

Glutathione Peroxidase

Cat. No.:	HY-P2833
CAS No.:	9013-66-5
Target:	Glutathione Peroxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Glutathione Peroxidase

BIOLOGICAL ACTIVITY

Description

Glutathione Peroxidase (GSH-Px; EC 1.11.1.9) belongs to the peroxidase family and is commonly used in biochemical research. Glutathione Peroxidase can catalyze reduced glutathione (GSH) to form a disulfide bridge with another glutathione molecule, convert it into oxidized glutathione (GSSG), and react with hydrogen peroxide or lipid peroxide reaction, reducing it to H₂O. Glutathione Peroxidase is an effective antioxidant against oxidative stress^[1].

REFERENCES

[1]. Regina Brigelius-Flohé, et al. Regulatory Phenomena in the Glutathione Peroxidase Superfamily. *Antioxid Redox Signal*. 2020 Sep 1;33(7):498-516.

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

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