

Active Native E.coli Glycerol-3-phosphate oxidase Protein

Cat. No. GPO Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Native E.coli Glycerol-3-phosphate oxidase Protein
Species	E.coli
Description	Glycerol-3-phosphate oxidase is the skeleton of phospholipids in membrane lipids, and also a substrate in the respiratory chain. Glycerol-3-phosphate oxidase produces electrons through oxidation
Form	Solid, light yellow to yellow
Bio-activity	Activity (U/mg solid): 22.7 U/mg solid Specific activity (U/mg protein): ≥25 U/mg protein
Storage	Store at -20 centigrade for 2 years.
Shipping	Room temperature in continental US; may vary elsewhere.
EC No.	1.1.3.21
CAS No.	9046-28-0
Unit Definition	One unit will oxidize 1.0 μmole of L-glycerol 3-phosphate to dihydroxyacetone phosphate with the formation of H ₂ O ₂ per min at 37 centigrade, at the appropriate pH 7.0.

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GENE INFORMATION

Official Symbol	GPO
Synonyms	Glycerol-3-phosphate oxidase; GPO