

Active Recombinant Glycerol-3-phosphate Oxidase

Cat. No. GPOSP-40 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Glycerol-3-phosphate Oxidase
Form	Yellow Lyophilized powder
Bio-activity	Specific Activity: 188 U/mg protein Activity: 43.79 U/mg Solid
Purity	≥95% by SDS-PAGE
Storage	Store at -20 centigrade for at least 2 years
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile 18M-cm H ₂ O. After reconstituting, store frozen in small aliquots. Avoid repeated freeze-thaw cycles
CAS No.	9046-28-0
Unit definition	One unit will oxidize 1.0 umol of L-glycerol-3-phosphate per minute at 37 centigrade and pH8.1 to phosphodihydroxyacetone phosphate, producing H ₂ O ₂ .

GENE INFORMATION

Official Symbol	GPOSP
Synonyms	GPOSP; Glycerol-3-phosphate Oxidase

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