Recombinant Pyrococcus furiosus glgP Protein (M1-E839)

Cat. No. glgP-1390P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pyrococcus furiosus GG-glucan phosphorylase(M1-E839 end) protein without tag was expressed in E. coli
Species	Pyrococcus furiosus
Source	E.coli
ProteinLength	M1-E839
Description	Pyrococcus furiosus is a heat-requiring extremophile species of Archaea, (procaryotes with a different ancestry than ordinary bacteria--and possibly everything else). It is one of the few organisms that has enzymes which contain tungsten, an element rarely found in biological molecules.
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	glgP maltodextrin phosphorylase [Pyrococcus furiosus DSM 3638]
Official Symbol	glgP
Synonyms	glgP; maltodextrin phosphorylase; maltodextrin phosphorylase; EC 2.4.1.1
Gene ID	41713354
Protein Refseq	WP_011012682
UniProt ID	Q8U0Q0

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