

Recombinant *Pyrococcus furiosus* glgP Protein (M1-E839), His-tagged

Cat. No. glgP-1391P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Pyrococcus furiosus</i> 6His-TEV-GG-glucan phosphorylase(M1-E839 end) protein with a His tag was expressed in <i>E. coli</i>
Species	<i>Pyrococcus furiosus</i>
Source	<i>E. coli</i>
ProteinLength	M1-E839
Description	<i>Pyrococcus furiosus</i> is a heat-requiring extremophile species of Archaea, (prokaryotes 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

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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