

glpQ recombinant protein

Recombinant Borrelia Miyamotoi GlpQ

CATALOG # AAA38011	HOST E Coli
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PRODUCT SYNONYMS

GlpQ; Recombinant Borrelia Miyamotoi GlpQ; Borrelia Miyamotoi GlpQ; Borrelia Miyamotoi GlpQ Recombinant; glpQ recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80.0% as determined by SDS-PAGE.
Form/Format	Borrelia Miyamotoi GlpQ is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol. Sterile Filtered clear solution.
Sequence Length	356
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for glpQ recombinant protein	Introduction: Borrelia belongs to a genus of bacteria of the spirochete phylum. Borrelia causes borreliosis, which is a zoonotic, vector-borne disease transmitted mainly by ticks and some by lice, depending on the species. Of the 36 known species of Borrelia, 12 are distinguished to cause Lyme disease or borreliosis and are transmitted by ticks. The main Borrelia species causing Lyme disease are Borrelia burgdorferi, Borrelia afzelii, and Borrelia garinii. The Borrelia genus members have a linear chromosome which is about 900 kbp in length as well as an excess of both linear and circular plasmids in the 5-220 kbp size range. The plasmids are atypical, as compared to most bacterial plasmids, since they contain many paralogous sequences, a large number of pseudogenes and, in some cases, essential genes. Moreover, a number of the plasmids have features suggesting that they are prophages. Description: Recombinant Borrelia Miyamotoi GlpQ produced in E Coli is a non-glycosylated, polypeptide chain having a calculated molecular mass of 38,132 Dalton. Borrelia Miyamotoi GlpQ is expressed with a 10xHis tag at N-terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for glpQ recombinant protein	Viral Antigens ; BORRELIA PROTEIN

NCBI AND UNIPROT INFORMATION

NCBI GI #	499529937
UniProt Accession #	R4Y7H3
Molecular Weight	40,328 Da
NCBI Official Full Name	glpQ
UniProt Protein Name	GlpQ protein
UniProt Gene Name	glpQ
UniProt Entry Name	R4Y7H3_KLEPR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/glpq-recombinant-protein-e-coli/38011>