

Recombinant *Bacillus anthracis* spores groL antigen, His-tagged

Cat. No. groL-07B Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant *Bacillus anthracis* spores groL antigen with a His-tag was expressed in *E. coli*

Species

Bacillus anthracis

Source

E. coli

Description

Bacillus anthracis is an aerobic endospore-forming bacterium that exists in a wide range of natural environments or ecosystems. It is the only obligate pathogen of animals, including humans, mammals, and insects.

Molecular Mass

The protein has a calculated MW of 59.3 kDa.

AA Sequence

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MGSSHHHHHSSGLVPRGSHHMAKDIKFSEEARRSMLRGVDTLANAVKVTLGPKG
RNVVLEKKFGSPLITNDGVVIAKEIELEDAFENMGAKLVAEVASKTNDVAGDGTAT
VLAQAMIREGLKNVTAGANPMGLRKGIEKAVVAAVEELKTISKPIEGKSSIAQVAISA
ADEEVGQLIAEAMERVGNDGVITLEESKGFTTELDVVEGMQFDRGYASPYMITDSD
KMEAVLDNYPYILITDKKISNIQEILPVLEQVVQQGKPLIIAEDVEGEALATLVNKLGR
TFNVVAVKAPGFGDRRKAMLEDIAILTGGEVITEELGRDLKSATVESLGRAGKVVVTK
ENTTVVEGVGSTEQIEARIGQIRAQLEETTSEFDREKLQERLAKLVGGVAVIKVGAAT
ETELKERKLRIEDALNSTRAAVEEGIVAGGGTSLMNVYTKVASIVAEGDEATGINIVLR
ALEEPRQIAINAGLEGSVVVERLKGEKVGVFNAATGEWVNMLETGIVDPAKVTRS
ALQNAASVAAMFLTTEAVVADKPEPNAPAMPDMGGMGMMGGMM
```

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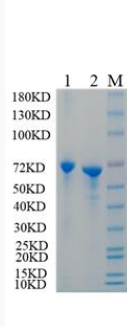
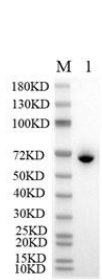
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>90% by SDS-PAGE
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.
Concentration	0.34 mg/mL
Storage Buffer	50mM Tris, 300mM NaCl, pH 8.0

GENE INFORMATION

Official Symbol	groL
Synonyms	groL

SDS-PAGE:

Reducing 12% SDS-PAGE and WB analysis profile of purified Bacillus anthracis spores groL antigen

1. BSA
2. Bacillus anthracis spores groL antigen