

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	MGSSHHHHHSSGLVPRGSHMMAKDIKFSEEARRSMLRGVDTLANAVKVTLGPKG RNVVLEKKFGSPLITNDGVTIAKEIELEDAFENMGAKLVAEVASKTNDVAGDGTTTAT VLAQAMIREGLKNVTAGANPMGLRKIEKAVVAAVEELKTISKPIEGKSSIAQVAAISA ADEEVGQLIAEAMERVGNDGVITLEESKGFTTELDVVEGMQFDRGYASPYMITDSD KMEAVLDNPYILITDKKISNIQEILPVLEQVVQQGKPLIIAEDVEGEALATLVVNKLGRG TFNVVAVKAPGFGDRRKAMLEDIAILTGGEVITEELGRDLKSATVESLGRAGKVVTGK ENTTVVEGVGSTEQIEARIGQIRAQLEETTSEFDREKLQERLAKLVGGVAVIKVGAAT ETELKERKLRIEDALNSTRAAVEEGIVAGGGTSLMNVYTKVASIVAEGDEATGINIVLR ALEEPVRQIAINAGLEGSVVVERLKGEKVGVGFNAAATGEWVNMLETGIVDPAKVTRS ALQNAASVAAMFLTTEAVVADKPEPNAPAMPDMGGMGMMGGMMGGMM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

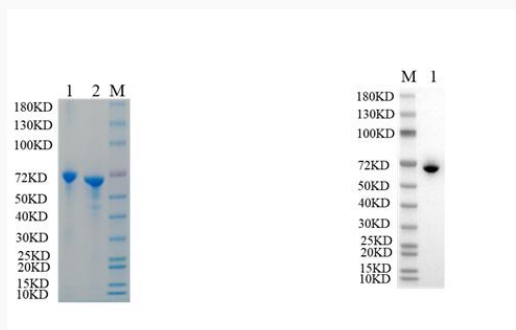
 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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