

Recombinant *Yersinia pestis* groL antigen, His-tagged

Cat. No. groL-54Y Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Yersinia pestis</i> groL antigen with a His-tag was expressed in <i>E. coli</i>
Species	<i>Yersinia pestis</i>
Source	<i>E. coli</i>
Description	The <i>Yersinia pestis</i> bacterium is associated with the disease known as plague.
Molecular Mass	The protein has a calculated MW of 59.7 kDa.
AA Sequence	<p>MGSSHHHHHSSGLVPRGSHMMAAKDVKFGNDARIKMLRGVNILADAVKVTLGPK GRNVVLDKSFSGPTITKDGVSVAREIELEDKFENMGAQMVKEVASKANDAAGDGT TATVLAQSIITEGLKAVAAGMNPMDLKRIGDKAVIAAVEELKKLSVPCSDSKAIAQVGT ISANS DSTV GELIAQAMEKVGKEGVITVEEGSGLQDEL DVVEGMQFDRGYLSPYFIN KPETGSIELESPFILLADKKISNIREMLPVLEAVAKAGKPLIIAEDVEGEALATLVVNT MRGIVKVA AVKAPGFGDRRKAMLQDIATLTAGTVISEEIGLELEKTTLEDLGQAKRVVI NKDTTIIIDGVGDEAAIQGRVAQIRQQIEDATSDYDKEKLQERVAKLAGGVAVIKVGAA TEVEMKEKKARVEDALHATRAAVEEGVVAGGGVALIRAAHAIAGLKGDNEDQNVGIK VALRAMESPLRQIVVNAGEEASVIANKVKAGEGSFGYNAYTEEYGDMIAMGILDPTK VTRSALQYAASIAGLMITTECMVTDLPRDDKGADMGAGGMGGMGGMGGMM</p>
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.

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Concentration 0.43 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 *Yersinia pestis* groL antigen

1. BSA

2. *Yersinia pestis* groL antigen

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