

Recombinant Clostridium botulinum toxins groL antigen, His-tagged

Cat. No. groL-08C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Clostridium botulinum toxins groL antigen with a His-tag was expressed in E. coli
Species	Clostridium botulinum
Source	E.coli
Description	Clostridium botulinum is an anaerobic, rod-shaped sporeforming bacterium that produces a protein with characteristic neurotoxicity. Under certain conditions, these organisms may grow in foods producing toxin(s)
Molecular Mass	The protein has a calculated MW of 60.5 kDa.
AA Sequence	MGSSHHHHHSSGLVPRGSHHMAKSILFGEESRRAMQAGVDKLANAVKVTLGPKG RNVLDKKFGSPLITNDGVTIAKEIELEDPYENMGAQLVKEVATKTNDVAGDGTAT LLAQAIIREGLKNVTAGANPMLIRKGIKLAVDTAVEQIKKSSKQVDGKEDIARVAAISAA DPEIGKLIADAMERVGNEGVTVEESNTMATELEVVEGMQFDRGYLSPYMTDAEK MEAVLENPYILLTDKKISNIQEILPILEQIVQQGKKLLIAEDIEGEALATLVVNKLRTFT CVAVKAPGFGDRRKEMLRDIAITGGEVISEELGREIKDVTLDMLGTAESIKVTKENTT IVNGKGSKAEIEDRIGQIKRQIEETTSEFDKEKLQERLAKIAGGVAVVKVGAATETELK ERKLRIEDALAATKAAVEEGIVAGGGTAYLRAIKEVEKLTENNSEIRLGIAIIRALEEP VRQIASNAGLEGSVIIDKIMNGQEGMGFDALAGEYVNMVQKGIVDPAKVTRSAQN ASVASTFLTTECVVAEIPKPNPAPQAPGMGGMGMEGMY

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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	0.46 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 Clostridium botulinum toxins groL antigen

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