

Recombinant *S. dysenteriae* serotype 1 groEL Protein, His-SUMO/MYC-tagged

Cat. No. groEL-1233S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Shigella dysenteriae</i> serotype 1 (strain Sd197) groEL Protein (101-548aa) was expressed in <i>E. coli</i> with N-terminal His-SUMO tag and C-terminal MYC-tag.
Species	<i>S.dysenteriae</i>
Source	<i>E.coli</i>
ProteinLength	101-548 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	66.9 kDa
AA Sequence	TEGLKAVAAGMNPMDLKRIGDKAVTAAVEELKALSVPCSDSKAIAQVGTISANSDET VGKLIAEAMDKVGKEGVITVEDGTGLQDELDDVEGMQFDRGYLSPYFINKPETGAVE LESPFILLADKKISNIREMLPVLEAVAKAGKPLIIAEDVEGEALATLVVNTMRGIVKVA AVKAPGFGDRRKAMLQDIATLTGGTVISEEIGMELEKATLEDLGQAKRVVINKDTTII DGVGEEAAIQGRVAQIRQQIEEATSDYDREKLQERVAKLGGVAVIKVGAATEVEMK EKKARVEDALHATRAAVEEGVVAGGGVALIRVASKLADLRGQNEQNVGIKVALRA MEAPLRQIVLNCGEPSVVANTVKGGDGNYGYNAAATEEYGNMIDMGILDPTKVTRS ALQYAASVAGLMITTECMVTDLPKNDAAADLGAAGGMGGMGGMGGMM
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage

The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION
Gene Name

groEL chaperone Hsp60, peptide-dependent ATPase, heat shock protein [*Shigella dysenteriae* Sd197]

Official Symbol

groEL

Synonyms

groEL; chaperone Hsp60, peptide-dependent ATPase, heat shock protein; molecular chaperone GroEL

Gene ID

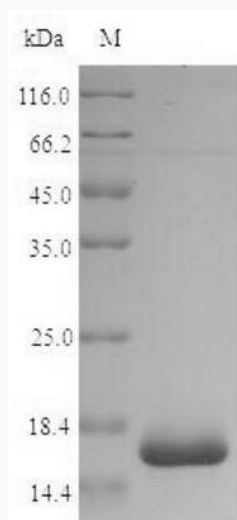
3798340

Protein Refseq

YP_405822.1

UniProt ID

Q328C4



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