

GroEL (HSP60) E.Coli Recombinant

Item Number	rAP-3371
Synonyms	CPN60, GROEL, HSP60, HSP65, SPG13, CHA60, GROL, crpA, mopA, 60 kDa chaperonin, Protein Cpn60, groEL protein, b4143, JW4103.
Description	Recombinant GroEL produced in E.Coli is a single, non-glycosylated polypeptide chain containing 548 amino acids and having a molecular mass of 57.3kDa.
Uniprot Accession Number	P0A6F5
Amino Acid Sequence	MAAKDVKFGN DARVKMLRGV NVLADAVKVT LGPKGRNVVL DKSFGAPTIT KDGVSVAREIELEDK-FENMG AQMVKEVASK ANDAAGDGTT TATVLAQAI TEGLKAVAAG MNPMDLKRIGDKAVTAAVEE LKALSVPCSD SKAIAQVGTI SANSDETVGK LIAEAMDKVG KEGVITVEDGTGLQDELDVV EGMQFDR-GYL SPYFINKPET GAVELESPFI LLADKKISNI REMLPVLEAVAKAGKPLLII AEDVEGEALA TAVVNTIRGI VKVAAVKAPG FGDRRKAMLQ DIATLTGGTVISEEIGMELE KATLEDLGQA KRVVINKDTT TIIDGVGEEA AIQGRVAQIR QQIEEATSDYDREKLQERVA KLAGGVAVIK VGAATEVEMK EKKARVEDAL HATRAA-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The groEL protein contains 25mM Tris buffer (pH 7.5), 100mM NaCl, 5mM DTT and 10% Glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**