

E.Coli GroEL Recombinant Protein



RPPB5941

Product Information Protein Information

Product SKU:

RPPB5941

Accession:

P0A6F5

Host:

Escherichia Coli.

Protein description:

Recombinant GroEL produced in E.Coli is a single, non-glycosylated polypeptide chain containing 548 amino acids (1-548) and having a molecular mass of 57.3kDa. GroEL is purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

CPN60, GROEL, HSP60, HSP65, SPG13, CHA60, GROL, crpA, mopA, 60 kDa chaperonin, Protein Cpn60, groEL protein, b4143, JW4103.

Formulation:

The groEL protein contains 25mM Tris buffer (pH 7.5), 100mM NaCl, 5mM DTT and 10% Glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MAAKDVKFGN DARVKMLRGV NVLADAVKVT LGPKGRNVVL DKSGGAPTIT KDGVSVAREIELEDKFENMG
AQMVKVASK ANDAAGDGT TATVLAQAI TEGLKAVAAG MNPMDLKRIGDKAVTAAVEE LKALSVPCSD
SKAIAQVGTI SANSDETVGK LIAEAMDKVG KEGVITVEDGTGLQDELVDV EGMQFDRGYL SPYFINKPET
GAVELESPFI LLADKKISNI REMLPVLEAVAKAGKPLLI AEDVEGEALA TAVVNTIRGI VKVAAVKAPG
FGDRRKAMLQ DIATLTGGTVISEEIGMELE KATLEDLGQA KRVVINKDTT TIIDGVGEEA AIQGRVAQIR
QQIEEATSDYDREKLQERVA KLAGGVAVIK VGAATEVEMK EKKARVEDAL HATRAAVEEG
VVAGGGVALIRVASKLADLR GQNEQNVGI KVALRAMEAP LRQIVLNCGE EPSVVANTVK
GGDGNYGYNAAATEEYGNMID MGILDPTKVT RSALQYAASV AGLMITTECM VTDLPKNDAA DLGAAGGMGG
MGGMGGMM.