

Human GROEL (27-573) Recombinant Protein



RPPB5942

Product Information Protein Information

Product SKU:

RPPB5942

Accession:

P10809

Host:

Escherichia Coli.

Protein description:

GROEL Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 572 amino acids (27-573 a.a.) and having a molecular mass of 60kDa. GROEL is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

CPN60, GROEL, HLD4, HSP-60, HSP60, HSP65, HuCHA60, SPG13, Chaperonin 60, 60 kDa chaperonin, P60 lymphocyte protein, 60 kDa heat shock protein, mitochondrial.

Formulation:

GROEL protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0) 0.1M NaCl and 10% glycerol.

Purity:

Greater than 90.0% 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:

MGSSHHHHHH SSGLVPRGSH MGSHMAKDVK FGADARALML QGVDLLADAV AVTMGPKGRT VIIQSWGSP
KVTGDGVTVA KSIDLKDKYK NIGAKLVQDV ANNTNEEAGD GTTATVLAR SIAKEGFEKI SKGANPVEIR
RGVMLAVDAV IAEKKQSKP VTTPEEIAQV ATISANGDKE IGNIISDAMK KVGRKGVITV KDGKTLNDEL
EIIEGMKFDR GYISPYFINT SKGQKCEFQD AYVLLSEKKI SSIQSIVPAL EIANAHRKPL VIAEDVDGE ALSTLVNRL
KVGLQVVAVK APGFGDNRKN QLKDMAIATG GAVFGEEGLT LNLEDVQPHD LGKVGEVIVT KDDAMLLKGK
GDKAQIEKRI QEIEQLDVT TSEYEKELN ERLAKLSDGV AVLKVGGTSD VEVNEKKDRV TDALNATRAA
VEEGIVLGGG CALLRCIPAL DSLTPANEDQ KIGIEIKRT LKIPAMTIK NAGVEGSLIV EKIMQSSEV
GYDAMAGDFV NMVEKGIIDP TKVVRTALLD AAGVASLLT AEVVVTEIPK EEKDPGMGAM GGMGGGMGGG
MF.