

Recombinant E.coli Co-chaperonin GroES

Cat. No. GroES-531E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Co-chaperonin GroES was overexpressed in <i>E.coli</i> and was purified by using conventional chromatography techniques. MW =10.4kDa (97aa).
Species	E.coli
Source	E.coli
Description	GroES protein is the co-chaperonin of GroES in E.coli and assists protein folding. GroEL mediated folding requires the co-chaperonin GroES which is essential for viability. GroES is composed of a single heptameric ring of 10kDa subunits that binds to the ends of the GroEL cylinder. GroES gene was amplified by PCR from E.coli and cloned into an expression vector.
Amino Acid Sequence	MNIRPLHDRV IVKRKEVETK SAGGIVLTGS AAKSTRGEV LAVGNRILE NGEVKPLDVK VGDIVIFNDG YGVKSEKIDN EEVLIMSESDILAIVEA.
Form	Liquid. In 25 mM Tris buffer (pH 7.5) containing 100 mM NaCl, 5 mM DTT, 10% glycerol.
Purity	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name [groES co-chaperonin GroES \[Escherichia coli str. K-12 substr. DH10B \]](#)

Synonyms GroES; co-chaperonin GroES

Gene ID [6061370](#)

mRNA Refseq [YP_001732911](#)

UniProt ID [B1XDP6](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA