

Recombinant E. coli groS Protein

Cat. No. groS-5378E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Escherichia coli groS (NP_418566) recombinant protein expressed in Escherichia coli.
Species	E.coli
Source	E.coli
Description	GroS binds and regulates rpoH. [More information is available at EcoGene: EG10600]. The Escherichia coli chaperone protein GroEL (Hsp60) and its regulator GroES are necessary for the proper folding of certain proteins, . [More information is available at EcoCyc: EG10600].
Form	Liquid
Molecular Mass	57.3 kDa
AA Sequence	MNIRPLHDRVIVKRKEVETKSAGGIVLTGSAAAKSTRGEVLAVGNRILENGEVKPLD VKVGDIVIFNDGYGVKSEKIDNEEVLIMSESDILAIVEA
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Store at -20 centigrade. For long term storage store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

 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

Concentration 1 mg/mL

Storage Buffer In 25 mM Tris-HCl, 100mM NaCl, pH 7.5 (5 mM DTT, 10% glycerol)

GENE INFORMATION

Gene Name groS Cpn10 chaperonin GroES, small subunit of GroESL [Escherichia coli str. K-12 substr. MG1655]

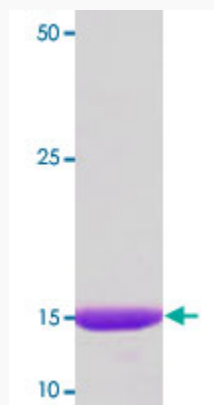
Official Symbol groS

Synonyms groS; Cpn10 chaperonin GroES, small subunit of GroESL; ECK4136; groES; JW4102; mopB; TabB; Cpn10 chaperonin GroES, small subunit of GroESL; GroES, 10 Kd chaperone binds to Hsp60 in pres. Mg-ATP, suppressing its ATPase activity

Gene ID 948655

Protein Refseq NP_418566

Quality Control Testing



15% SDS-PAGE Stained with Coomassie Blue

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