

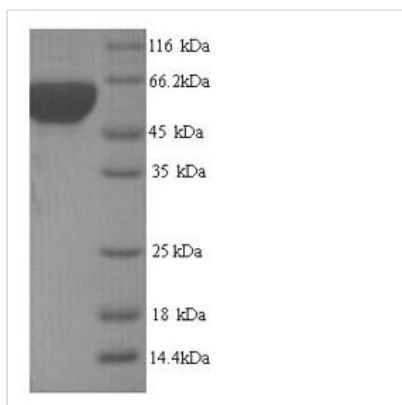


Recombinant Yersinia pestis 60 kDa chaperonin (groL)

Product Code	CSB-YP394210YAL
Relevance	Prevents misfolding and promotes the refolding and proper assembly of unfolded polypeptides generated under stress conditions.
Abbreviation	Recombinant Yersinia pestis groL protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	A4TRR0
Alias	GroEL proteinUniRule annotation Protein Cpn60
Product Type	Recombinant Protein
Immunogen Species	Yersinia pestis (strain Pestoides F)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MAAKDVKFGNDARIKMLRGVNIADAVKVTLGPKGRNVVLDKSFGSPTITKDG VSVAREIELEDKFENMGAQMVKEVASKANDAAGDGTATVLAQSIITEGLKAV AAGMNPMDLKRIGDKAVIAAVEELKKLSVPCSDSKAIAQVGTISANSSTVGLI AQAMEKVGKEGVITVEEGSGLQDELDVVEGMQFDRGYLSPYFINKPETGSIEL ESPFILLADKKISNIREMLPVLEAVAKAGKPLIIAEDVEGEALATLVVNTMRGIV KVAAVKAPGFGDRRKAMLQDIATLTAGTVISEEIGLELEKTTLEDLGQAKRVVIN KDTTIIIDGVGDEAAIQGRVAQIRQQIEDATSDYDKEKLQERVAKLAGGVAVIKV GAATEVEMKEKKARVEDALHATRAAVEEGVVAGGGVALIRAAHAAGLKGDNE DQNVGIKVALRAMESPLRQIVVNAGEEASVIANKVKAGEGSFGYNAYTEEYGD MIAMGILDPTKVTRSALQYAASIAGLMITTECMVTDLPDDKGADMGAGGMGG MGGMGGMM
Research Area	Others
Source	Yeast
Target Names	groL
Protein Names	Recommended name: 60 kDa chaperonin Alternative name(s): GroEL protein Protein Cpn60
Expression Region	1-548aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	59.4kDa
Protein Length	Full Length



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.