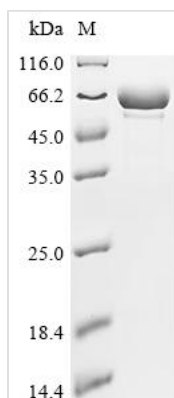




Recombinant Streptococcus agalactiae

Chaperonin GroEL (groEL)

Product Code	CSB-EP860566SMF
Abbreviation	Recombinant Streptococcus agalactiae groEL 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.	Q9AME7
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Streptococcus agalactiae Chaperonin GroEL (groEL)
Immunogen Species	Streptococcus agalactiae
Sensitivity	Not Test
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MAKDIKFSADARSAMVRGVDILADTVFVTLGPKGRNVVLEKAFGSPLITNDGVT IAKEIELEDHFENMGAKLVSEVASKTNDIAGDGTATVLPQAIVREGLKNVTAG ANPIGIRRGITAVSAAVEELKEIAQPVSGKEAIAQVAAVSSRSEKVGGEYISEAM ERVGNDGVITIEESRGMETELEVVEGMQFDRGYLSQYMTDNEKMOVSELENP YILITDKKISNIQEILPLLEEVLTNRPLLIADDVDGEALPTLVLNKIRGTFTNVVAV KAPGFGDRRKAMLEDIAILTGGTVVTEDLGLDLKDATMQVLGQSAKVTVDKDS TVIVEGAGDSSAIANRVAIKSQMEATTSDFDREKLQERLAKLAGGVAVIKVGAA TETELKEMKLRIEDALNATRAAVEEGIVSGGGTALNVNIEKVAALKLNGDEETG RNIVLRALEEPVRQIAYNAGYKGSVIIARLKQSEIGTGFNAANGWEVDMVTTGII DPVKVTRSALQNAASVASLILTTEAVVANKPEPEAPTAPAMDPSMMGGF
Research Area	Others
Source	E.coli
Target Names	groEL
Expression Region	1-540aa
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	64.2 kDa
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.