

## Product Datasheet

# Chaperonin GroEL Protein, *Chlamydia trachomatis*, Recombinant (His & SUMO) (orb1979523)

<b>Description</b>	Together with its co-chaperonin GroES, plays an essential role in assisting protein folding. The GroEL-GroES system forms a nano-cage that allows encapsulation of the non-native substrate proteins and provides a physical environment optimized to promote and accelerate protein folding. Chaperonin GroEL Protein, <i>Chlamydia trachomatis</i> , Recombinant (His & SUMO) is expressed in <i>E. coli</i> expression system with N-6xHis-SUMO tag. The predicted molecular weight is 74.0 kDa and the accession number is P0C0Z7.
<b>Storage</b>	-20°C
<b>Tag</b>	N-6xHis-SUMO
<b>Note</b>	For research use only
<b>Application notes</b>	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
<b>Protein Sequence</b>	VAKNIKYNEEARKKIQKGVKTLAEAVKVTLGPKGRHVVIDKSFSGSPQVTKDGVTVAKEVELA DKHENMGAQMVKEVASKTADKAGDGTATVLAELIYTEGLRNVTAGANPMDLKRIGDKA VKVVVDQIRKISKPVQHHKEIAQVATISANNDAEIGNLIAEAMEKVGKNGSITVEEAKGFETV LDIVEGMNFRNGYLSSYFATNPETQECVLEDALVLIYDKKISIGIKDFLPVLQQAESGRPLLI AEDIEGEALATLVNRRIRGGFRVCAVKAPGFGDRRKAMLEDIAILTGGQLISEELGMKLENA NLAMLGKAKKVIVSKEDTTIVEGMGEKEALEARCESIKKQIEDSSSDYDKEKLQERLAKLSG GVAVIRVGAATEIEMKEKKDRVDDAQHATIAAVEEGILPGGGTALIRCIPTLEAFPLMTNED EQIGARIVLKALSAPLKQIAANAGKEGAIIFQQVMSRSANEGYDALRDAYTDMLEAGILDPK VTRSALESAASVAGLLLTTEALIAEIPPEEKPAAPAMPGAGMDY
<b>Purity</b>	98.00%
<b>MW</b>	74.0 kDa (predicted)
<b>Uniprot ID</b>	<b>P0C0Z7</b>
<b>Expiration Date</b>	6 months from date of receipt.

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