## Overview

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Recombinant <em>E. coli</em> groEL protein</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Protein length</strong></td>
<td>Full length protein</td>
</tr>
</tbody>
</table>

## Description

- **Nature**: Recombinant
- **Source**: *Escherichia coli*
- **Amino Acid Sequence**: *Escherichia coli*
- **Species**: *Escherichia coli*
- **Amino acids**: 1 to 548

## Specifications

Our Abpromise guarantee covers the use of **ab51307** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th><strong>Applications</strong></th>
<th>SDS-PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Purity</strong></td>
<td>&gt;95% by SDS-PAGE</td>
</tr>
<tr>
<td><strong>Form</strong></td>
<td>Liquid</td>
</tr>
</tbody>
</table>

## Preparation and Storage

- **Stability and Storage**: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
  - pH: 7.50
  - Constituents: 0.077% DTT, 0.395% Tris HCl, 10% Glycerol, 0.58% Sodium chloride

## General Info

- **Relevance**: The bacterial chaperonin groEL is a double toroidal assembly, which together with the action of the ring-shaped oligomeric cochaperonin, GroES, facilitates protein folding in an ATP dependent manner.
Cellular localization

Cytoplasmic

Images

ab51307 in 15% SDS-PAGE

SDS-PAGE - Recombinant E. coli groEL protein
(ab51307)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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