





## Recombinant Rhodobacter capsulatus 4coumarate--CoA ligase (pcl)

Product Code         CSB-EP526647RLD           Abbreviation         Recombinant Rhodobacter capsulatus pcl 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. The shelf life of lyophilized powder, the buffer life of		
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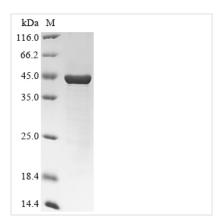




Tel: +1-301-363-4651 

☐ Email: cusabio@cusabio.com ☐ Website: www.cusabio.com ☐





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

## **Description**

Recombinant Rhodobacter capsulatus (strain ATCC BAA-309 / NBRC 16581 / SB1003) pcl protein expression is initiated by transfecting e.coli cells with a DNA expression vector containing the gene encoding the protein of interest (1-384aa). The subsequent culturing of the cells induces the expression of the desired protein. The protein is equipped with a N-terminal 10xHis tag. The resulting recombinant Rhodobacter capsulatus (strain ATCC BAA-309 / NBRC 16581 / SB1003) pcl protein is collected and purified from the cell lysate through affinity purification, demonstrating a purity greater than 85%, as indicated by SDS-PAGE.

## 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

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