# Urease Accessory Protein Ureg (ureG) Rhodobacter Capsulatus Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Urease accessory protein UreG (ureG), Recombinant Protein |
| **Full Product Name** | Recombinant Rhodobacter capsulatus Urease accessory protein UreG (ureG) |
| **Product Gene Name** | ureG recombinant protein |
| **Product Synonym Gene Name** | ureG |
| **Sequence** | MTNGPLRVGI GGPVGAGKTT LTEQLCRALA GRLSMAVVTN DIYTREDAEA LMRAQVLPAD RIRGVETGGC PHTAIREDAS INLAAIADLT RAHPDLELIL IESGGDNLAA TFSPELADLT IYVIDTAAGQ DIPRKRGPGV TRSDLLVVNK TDLAPHVGVD PVLLEADTQR ARGPRPYVMA QLRHGVGIDE IVAFLIREGG LEQASAPA |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 21,928 Da |
| **Sequence Positions** | 1-208, Full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q9AQT0 |
| **Species** | Rhodobacter capsulatus (Rhodopseudomonas capsulata) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for ureG recombinant protein** | MBS1387014 is a recombinant protein targeting ureG. Also known as Recombinant Rhodobacter capsulatus Urease accessory protein UreG (ureG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of ureG recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ureG. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 75411494 |
| **NCBI GeneID** | 31490136 |
| **NCBI Accession #** | Q9AQT0.1 |
| **UniProt Primary Accession #** | Q9AQT0 |
| **NCBI Official Full Name** | Urease accessory protein UreG |
| **NCBI Official Symbol** | RCAP_RS06115 |

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| **UniProt Protein Name** | Urease accessory protein UreG |
| **Protein Family** | Urease accessory protein |
| **UniProt Gene Name** | ureG |
| **NCBI Protein Information** | urease accessory protein UreG |
| **UniProt Comments for ureG** | Facilitates the functional incorporation of the urease nickel metallocenter. This process requires GTP hydrolysis, probably effectuated by UreG. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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