# Urease Accessory Protein Uree (ureE) Streptococcus Thermophilus Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Urease accessory protein UreE (ureE), Recombinant Protein |
| **Full Product Name** | Recombinant Streptococcus thermophilus Urease accessory protein UreE (ureE) |
| **Product Gene Name** | ureE recombinant protein |
| **Product Synonym Gene Name** | ureE |
| **Sequence** | MIFTKVDALV KDIDVDKYHI ETVILSSDDL NKKIIRVKSD HGNEFGIRLD KGQKLQNGSA FFIDDHHVLA IGVESQDLIV ISPKDMDEMG ITAHILGNTH KPIEVKDAKI YLEVDPVVEQ VLTQKEIAYT IEEVVLDKPL RHVNLTAHEH |
| **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** | 16,956 Da |
| **Sequence Positions** | 1-150, 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 Q5M1G5 |
| **Species** | Streptococcus thermophilus (strain CNRZ 1066) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for ureE recombinant protein** | MBS1306771 is a recombinant protein targeting ureE. Also known as Recombinant Streptococcus thermophilus Urease accessory protein UreE (ureE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of ureE 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 ureE. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 489039218 |
| **NCBI Accession #** | WP_002949549.1 |
| **UniProt Primary Accession #** | Q5M1G5 |
| **GenBank Nucleotide #** | WP_002949549.1 |
| **NCBI Official Full Name** | MULTISPECIES: urease accessory protein UreE |
| **UniProt Protein Name** | Urease accessory protein UreE |

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| **Protein Family** | Urease accessory protein |
| **UniProt Gene Name** | ureE |
| **UniProt Comments for ureE** | Involved in urease metallocenter assembly. Binds nickel. Probably functions as a nickel donor during metallocenter assembly. |
| **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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