# Chaperone Protein Hsca Homolog (hscA) Ralstonia Solanacearum Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Chaperone protein hscA homolog (hscA), Recombinant Protein |
| **Full Product Name** | Recombinant Ralstonia solanacearum Chaperone protein hscA homolog (hscA), partial |
| **Product Gene Name** | hscA recombinant protein |
| **Product Synonym Gene Name** | hscA |
| **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** | 65,945 Da |
| **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 Q8Y0L9 |
| **Species** | Ralstonia solanacearum (strain GMI1000) (Pseudomonas solanacearum) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for hscA recombinant protein** | MBS1478839 is a recombinant protein targeting hscA. Also known as Recombinant Ralstonia solanacearum Chaperone protein hscA homolog (hscA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of hscA 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 hscA. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499310201 |
| **NCBI Accession #** | WP_011000976.1 |
| **UniProt Primary Accession #** | Q8Y0L9 |
| **GenBank Nucleotide #** | WP_011000976.1 |
| **NCBI Official Full Name** | molecular chaperone HscA |
| **UniProt Protein Name** | Chaperone protein HscA homolog |
| **Protein Family** | Chaperone protein |
| **UniProt Gene Name** | hscA |

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| **UniProt Comments for hscA** | Chaperone involved in the maturation of iron-sulfur cluster-containing proteins. Has a low intrinsic ATPase activity which is markedly stimulated by HscB. |
| **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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