Chaperone Protein Hsca (hscA) Shigella Dysenteriae Serotype 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chaperone protein hscA (hscA), Recombinant Protein
Full Product Name	Recombinant Shigella dysenteriae serotype 1 Chaperone protein hscA (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	65,652 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 Q32D38
Species	Shigella dysenteriae serotype 1 (strain Sd197)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hscA recombinant protein	MBS1351549 is a recombinant protein targeting hscA. Also known as Recombinant Shigella dysenteriae serotype 1 Chaperone protein hscA (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.

NCBI GI #	447119357
NCBI Accession #	WP_001196613.1
UniProt Primary Accession #	Q32D38
GenBank Nucleotide #	WP_001196613.1
NCBI Official Full Name	MULTISPECIES: molecular chaperone HscA
UniProt Protein Name	Chaperone protein HscA
UniProt Synonym Protein Names	Hsc66
Protein Family	Chaperone protein
UniProt Gene Name	hscA

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. Involved in the maturation of IscU.
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