Type-1 Restriction Enzyme R Protein (hsdR) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Type-1 restriction enzyme R protein (hsdR), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Type-1 restriction enzyme R protein (hsdR), partial
Product Gene Name	hsdR recombinant protein
Product Synonym Gene Name	hsdR
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	109,253 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 Q6GCT1
Species	Staphylococcus aureus (strain MSSA476)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hsdR recombinant protein	MBS1390237 is a recombinant protein targeting hsdR. Also known as Recombinant Staphylococcus aureus Type-1 restriction enzyme R protein (hsdR), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hsdR 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 hsdR. It may not necessarily be applicable to this product.

NCBI GI #	446253498
NCBI Accession #	WP_000331353.1
UniProt Primary Accession #	Q6GCT1
GenBank Nucleotide #	WP_000331353.1
NCBI Official Full Name	MULTISPECIES: type-1 restriction enzyme R protein
UniProt Protein Name	Type-1 restriction enzyme R protein
UniProt Synonym Protein Names	Type I restriction enzyme R protein
Protein Family	Type-1 restriction enzyme R protein
UniProt Gene Name	hsdR

UniProt Comments for hsdR	Subunit R is required for both nuclease and ATPase activities, but not for modification.
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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