Origin Recognition Complex Subunit 5 (orcE) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Origin recognition complex subunit 5 (orcE), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Origin recognition complex subunit 5 (orcE), partial
Product Gene Name	orcE recombinant protein
Product Synonym Gene Name	orcE
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	66,853 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 Q54C22
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for orcE recombinant protein	MBS1357374 is a recombinant protein targeting orcE. Also known as Recombinant Dictyostelium discoideum Origin recognition complex subunit 5 (orcE), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of orcE 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 orcE. It may not necessarily be applicable to this product.

NCBI GI #	66800637
NCBI GeneID	8629126
NCBI Accession #	XP_629244.1
UniProt Primary Accession #	Q54C22
GenBank Nucleotide #	XM_629242.1
NCBI Official Full Name	origin recognition complex subunit 5
NCBI Official Symbol	orcE
UniProt Protein Name	Origin recognition complex subunit 5

UniProt Synonym Protein Names	Origin replication complex subunit E
UniProt Gene Name	orcE
UniProt Synonym Gene Names	orc5
NCBI Protein Information	origin recognition complex subunit 5
UniProt Comments for orcE	Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent, however specific DNA sequences that define origins of replication have not been identified so far. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication ().
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