Protein RTC2 (RTC2) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein RTC2 (RTC2), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Protein RTC2 (RTC2), partial
Product Gene Name	RTC2 recombinant protein
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	33,497 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 P38279
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RTC2 recombinant protein	MBS7060624 is a recombinant protein targeting RTC2. Also known as Recombinant Saccharomyces cerevisiae Protein RTC2 (RTC2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RTC2 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 RTC2. It may not necessarily be applicable to this product.

NCBI GI #	6319623
NCBI GeneID	852444
NCBI Accession #	NP_009705.1
UniProt Primary Accession #	P38279
UniProt Secondary Accession #	D6VQE2
UniProt Related Accession #	P38279
GenBank Nucleotide #	NM_001178495.1
NCBI Official Full Name	cationic amino acid transporter
NCBI Official Symbol	RTC2
NCBI Official Synonym Symbols	RRT11; YPQ3

UniProt Protein Name	Probable vacuolar amino acid transporter YPQ3
UniProt Synonym Protein Names	PQ-loop repeat-containing protein 3; Protein RTC2; Restriction of telomere capping protein 2
Protein Family	Probable vacuolar amino acid transporter
UniProt Gene Name	RTC2
UniProt Synonym Gene Names	YPQ3
NCBI Protein Information	cationic amino acid transporter
UniProt Comments for RTC2	May function as an amino acid transporter mediating the export of cationic amino acids from the vacuole. Required for optimal growth in synthetic medium.
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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