Autonomous Glycyl Radical Cofactor (grcA) Photobacterium Profundum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Autonomous glycyl radical cofactor (grcA), Recombinant Protein
Full Product Name	Recombinant Photobacterium profundum Autonomous glycyl radical cofactor (grcA)
Product Gene Name	grcA recombinant protein
Product Synonym Gene Name	grcA
Sequence	MITGIQITKS ANDDLLNSIW LLDSETNEAR CVVAKAGFEE DQVIAAADLG EYESRDVAIE VPAKVEGGQH LNVNVLKKET LEDAVAHPEK YPQLTIRVSG YAVRFNSLTT EQQKDVIART FTSSL
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	13,749 Da
Sequence Positions	1-125, Full length protein
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 Q6LUP6
Species	Photobacterium profundum (Photobacterium sp. (strain SS9))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for grcA recombinant protein	MBS1412429 is a recombinant protein targeting grcA. Also known as Recombinant Photobacterium profundum Autonomous glycyl radical cofactor (grcA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of grcA 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 grcA. It may not necessarily be applicable to this product.

NCBI GI #	499536547
NCBI Accession #	WP_011217330.1
UniProt Primary Accession #	Q6LUP6
GenBank Nucleotide #	WP_011217330.1
NCBI Official Full Name	autonomous glycyl radical cofactor GrcA
UniProt Protein Name	Autonomous glycyl radical cofactor

Protein Family	Autonomous glycyl radical cofactor
UniProt Gene Name	grcA
UniProt Comments for grcA	Acts as a radical domain for damaged PFL and possibly other radical proteins.
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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