Ribonucleoside-Diphosphate Reductase Subunit Alpha (nrdA) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonucleoside-diphosphate reductase subunit alpha (nrdA), Recombinant Protein
Full Product Name	Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Ribonucleoside-diphosphate reductase subunit alpha (nrdA), partial
Product Gene Name	nrdA recombinant protein
Product Synonym Gene Name	nrdA
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	87,124 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 Q89AS4
Species	Buchnera aphidicola subsp. Baizongia pistaciae (strain Bp)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nrdA recombinant protein	MBS1328944 is a recombinant protein targeting nrdA. Also known as Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Ribonucleoside-diphosphate reductase subunit alpha (nrdA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nrdA 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 nrdA. It may not necessarily be applicable to this product.

NCBI GI #	499403835
NCBI Accession #	WP_011091302.1
UniProt Primary Accession #	Q89AS4
GenBank Nucleotide #	WP_011091302.1
NCBI Official Full Name	ribonucleoside-diphosphate reductase subunit alpha
UniProt Protein Name	Ribonucleoside-diphosphate reductase subunit alpha
UniProt Synonym Protein Names	Ribonucleotide reductase
Protein Family	Ribonucleoside-diphosphate reductase

UniProt Gene Name	nrdA
UniProt Comments for nrdA	Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides ().
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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