# Transcriptional Repressor Nrdr (nrdR) Vibrio Parahaemolyticus Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Transcriptional repressor NrdR (nrdR), Recombinant Protein |
| **Full Product Name** | Recombinant Vibrio parahaemolyticus Transcriptional repressor NrdR (nrdR) |
| **Product Gene Name** | nrdR recombinant protein |
| **Product Synonym Gene Name** | nrdR |
| **Sequence** | MHCPFCSEND TKVIDSRLVA DGHQVRRRRQ CLACSERFTT FETAELVMPK VIKSNGNREP FDEDKMVGGI QRALEKRPVS ADSIELAISM IKSQLRATGE REVPSQMIGN LVMDQLKELD KVAYIRFASV YRSFEDIREF GEEIARLED |
| **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** | 17,072 Da |
| **Sequence Positions** | 1-149, Full length |
| **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 Q87RU8 |
| **Species** | Vibrio parahaemolyticus |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for nrdR recombinant protein** | MBS1387585 is a recombinant protein targeting nrdR. Also known as Recombinant Vibrio parahaemolyticus Transcriptional repressor NrdR (nrdR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of nrdR 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 nrdR. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 28897452 |
| **NCBI GeneID** | 1188153 |
| **NCBI Accession #** | NP_797057.1 |
| **UniProt Primary Accession #** | Q87RU8 |
| **UniProt Related Accession #** | Q87RU8 |
| **GenBank Nucleotide #** | NC_004603.1 |

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| **NCBI Official Full Name** | transcriptional regulator NrdR |
| **NCBI Official Symbol** | nrdR |
| **UniProt Protein Name** | Transcriptional repressor NrdR |
| **Protein Family** | Putative transcriptional repressor |
| **UniProt Gene Name** | nrdR |
| **NCBI Protein Information** | transcriptional regulator NrdR |
| **UniProt Comments for nrdR** | Negatively regulates transcription of bacterial ribonucleotide reductase nrd genes and operons by binding to NrdR-boxes. |
| **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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