# Recombination Protein Recr (recR) Vibrio Fischeri Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Recombination protein RecR (recR), Recombinant Protein |
| **Full Product Name** | Recombinant Vibrio fischeri Recombination protein RecR (recR) |
| **Product Gene Name** | recR recombinant protein |
| **Product Synonym Gene Name** | recR |
| **Sequence** | MRTSGLLEQL MESLRCLPGV GPKSAQRMAF HLLQRNRQGG MQLADALSQA MSEIGHCSEC RTFTEEDTCA ICLNPKRQAS GEMCIVESPA DIVAVEATGQ FSGRYFVLMG HLSPLDGIGP SDIGLDLLDH RLNRGDIKEV ILATNPTVEG EATAHYIAEL CQEHQVPASR IAHGVPMGGE LELVDGTTLS HSILGRQKLY |
| **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** | 21,654 Da |
| **Sequence Positions** | 1-200, 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 Q5E466 |
| **Species** | Vibrio fischeri (strain 700601 / ES114) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for recR recombinant protein** | MBS1453227 is a recombinant protein targeting recR. Also known as Recombinant Vibrio fischeri Recombination protein RecR (recR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of recR 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 recR. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499581456 |
| **NCBI GeneID** | 3278934 |
| **NCBI Accession #** | WP_011262239.1 |
| **UniProt Primary Accession #** | Q5E466 |
| **UniProt Related Accession #** | Q5E466 |
| **GenBank Nucleotide #** | WP_011262239.1 |

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| **NCBI Official Full Name** | recombination protein RecR |
| **NCBI Official Symbol** | recR |
| **UniProt Protein Name** | Recombination protein RecR |
| **Protein Family** | Recombination protein |
| **UniProt Gene Name** | recR |
| **NCBI Protein Information** | recombination protein RecR |
| **UniProt Comments for recR** | May play a role in DNA repair. It seems to be involved in an RecBC-independent recombinational process of DNA repair. It may act with RecF and RecO. |
| **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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