# Type-2 Restriction Enzyme Ceqi (ceqIR) Corynebacterium Equii Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Type-2 restriction enzyme CeqI (ceqIR), Recombinant Protein |
| **Full Product Name** | Recombinant Corynebacterium equii Type-2 restriction enzyme CeqI (ceqIR) |
| **Product Gene Name** | ceqIR recombinant protein |
| **Sequence** | MRTKNVCTFQ LILFPKVRSY IPLPLILKRI EITKNCISTR GETTKTSVTE KLSEEKTVVV EPVFGFLKAH FHSTRFSEEA TKRRKRKWAL LVVILRKYTA RNSKQKRTKK TRQKGVRSSF IDERTPFSFI FWLVLFRPLF NVLPCSAQSL FVQEFFITSP CLVCPAFPLE QNVSAFAPST NGTKTKQMIT ITPMIRFIVV QLLTLRFSYR TVKGISPLRR RAWFFLWFNR SKCFCVGSIH KRNKNKADKQ YQTEYSFHCC STPIIFILVR |
| **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** | 31,674 Da |
| **Sequence Positions** | 1-270, 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 P42827 |
| **Species** | Corynebacterium equii (Rhodococcus equi) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for ceqIR recombinant protein** | MBS1258400 is a recombinant protein targeting ceqIR. Also known as Recombinant Corynebacterium equii Type-2 restriction enzyme CeqI (ceqIR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of ceqIR 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 ceqIR. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 1174560 |
| **NCBI Accession #** | P42827.1 |
| **UniProt Primary Accession #** | P42827 |
| **NCBI Official Full Name** | Type-2 restriction enzyme CeqI |
| **UniProt Protein Name** | Type-2 restriction enzyme CeqI |
| **UniProt Synonym Protein Names** | Endonuclease CeqI; Type II restriction enzyme CeqI |

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|---|---|
| **Protein Family** | Type-2 restriction enzyme |
| **UniProt Gene Name** | ceqIR |
| **UniProt Synonym Gene Names** | rceQI; R.CeqI |
| **UniProt Comments for ceqIR** | Recognizes the double-stranded sequence GATATC and cleaves after T-3. |
| **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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