# Exodeoxyribonuclease 7 Large Subunit (xseA) Fusobacterium Nucleatum Subsp.nucleatum Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Exodeoxyribonuclease 7 large subunit (xseA), Recombinant Protein |
| **Full Product Name** | Recombinant Fusobacterium nucleatum subsp.nucleatum Exodeoxyribonuclease 7 large subunit (xseA) |
| **Product Gene Name** | xseA recombinant protein |
| **Product Synonym Gene Name** | xseA |
| **Sequence** | MEKIYSVSEF NRMVKSYIDD IDDFQEFFIE GEISNITYYK SGHLYFSIKD SKSQIKCVAF NYKLKRIPED LKEGDLVKLF GDVGFYEARG DFQVLARYIE KQNALGSLYA KLEKVKEKLT GLGYFNEEHK KDLPKFPKNI GVVTALTGAA LQDIIKTTRK RFNSINIYIY PAKVQGIGAE QEIIKGIETL NKIKEIDFII AGRGGGSIED LWAFNEEEVA MAFFNSKKPI ISAVGHEIDF LLSDLTADKR AATPTQAIEL SVPEKESLLE DLKAREIYIT KLLKSYVDSM KRELLLRIEN YYLKNFPNTV NSLRESIVEK EIQLKEAMES FIEQKRNIFE NKIDKISVLN PINTLKRGYT VSQVKNKRID VLDDIEINDE MMTILKDGKV ISVVKEKIYE KNIN |
| **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** | 46,463 Da |
| **Sequence Positions** | 1-404, 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 Q8REN3 |
| **Species** | Fusobacterium nucleatum subsp. nucleatum (strain 25586 / CIP 101130 / JCM 8532 / LMG 13131) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for xseA recombinant protein** | MBS1351079 is a recombinant protein targeting xseA. Also known as Recombinant Fusobacterium nucleatum subsp.nucleatum Exodeoxyribonuclease 7 large subunit (xseA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of xseA 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 xseA. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 19704401 |
| **NCBI GeneID** | 991303 |
| **NCBI Accession #** | NP_603963.1 |

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| **UniProt Primary Accession #** | Q8REN3 |
| **UniProt Related Accession #** | Q8REN3 |
| **GenBank Nucleotide #** | NC_003454.1 |
| **NCBI Official Full Name** | exodeoxyribonuclease VII large subunit |
| **NCBI Official Symbol** | FN1066 |
| **UniProt Protein Name** | Exodeoxyribonuclease 7 large subunit |
| **UniProt Synonym Protein Names** | Exodeoxyribonuclease VII large subunit |
| **Protein Family** | Exodeoxyribonuclease |
| **UniProt Gene Name** | xseA |
| **UniProt Synonym Gene Names** | Exonuclease VII large subunit |
| **NCBI Protein Information** | exodeoxyribonuclease VII large subunit |
| **UniProt Comments for xseA** | Bidirectionally degrades single-stranded DNA into large acid-insoluble oligonucleotides, which are then degraded further into small acid-soluble oligonucleotides. |
| **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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