Exodeoxyribonuclease 7 Large Subunit (xseA) Streptococcus Pneumoniae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Exodeoxyribonuclease 7 large subunit (xseA), Recombinant Protein
Full Product Name	Recombinant Streptococcus pneumoniae Exodeoxyribonuclease 7 large subunit (xseA)
Product Gene Name	xseA recombinant protein
Product Synonym Gene Name	xseA
Sequence	MEKYLSVTTL TKYLKMKFDK DPYLERVYLT GQVSNFRKRP THQYFSLKDD HAVIQATIWS GIYQKLGFDL EEGMKINVIG RVQVYEPSGS YSIIIEKAEP DGVGALAIQF EQLKKKLTEE GLFQERFKQA LPQFSKRIGV VTSRSGAVIR DIITTVSRRF PGVDILLYPT KVQGEGAAEE IARNIARANQ RDDLDLLIIG RGGGSIEDLW AFNEEIVVRA IFESRLPVIS SVGHETDVTL ADFVADRRAA TPTAAAELAT PVTKLDVLAH LQNQEKRMVT AVRNVLSKKQ EALKKCSQSV IFRQPERLYD GYLQRLDQLQ LRLKQSLRTR ISDNKQLVQA RTHQLVQLSP VTKIQRYQDR LGQLDKLLGS QMALVYDAKV AEAKRLSEAL LMLDTSRIVA RGYAIVKKEE SVVDSVESLK KKDQVTLLMR DGQVELEVKD VKTKEI
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	50,508 Da
Sequence Positions	1-446, 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 Q97QJ8
Species	Streptococcus pneumoniae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for xseA recombinant protein	MBS1337997 is a recombinant protein targeting xseA. Also known as Recombinant Streptococcus pneumoniae 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.

NCBI GI #	446339609
NCBI Accession #	WP_000417464.1
UniProt Primary Accession #	Q97QJ8

GenBank Nucleotide #	WP_000417464.1
NCBI Official Full Name	exodeoxyribonuclease VII large subunit
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
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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