Tyrosine Recombinase Xerd-Like (SAG1596) Streptococcus Agalactiae Serotype V Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tyrosine recombinase XerD-like (SAG1596), Recombinant Protein
Full Product Name	Recombinant Streptococcus agalactiae serotype V Tyrosine recombinase XerD-like (SAG1596)
Product Gene Name	SAG1596 recombinant protein
Product Synonym Gene Name	SAG1596
Sequence	MINDINNFIE SKKLSLNSRK SYHYDLKQFY KIIGGHVNSE KLALYQQSLS EFKLTARKRK LSAVNQFLFF LYNRGTLKEF YRLQETEKIT LAQTKSQIMD LSNFYQDTDY PSGRLIALLI LSLGLTPAEI ANLKKADFDT TFNILSIEKS QMKRILKLPE DLLPFLLESL EEDGDLVFEH NGKPYSRQWF FNQLTDFLNE KNEQQLTAQL LREQFILKQK ENGKTMTELS RLLGLKTPIT LERYYR
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	28,960 Da
Sequence Positions	1-246, 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 Q8DY96
Species	Streptococcus agalactiae serotype V
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SAG1596 recombinant protein	MBS1471590 is a recombinant protein targeting SAG1596. Also known as Recombinant Streptococcus agalactiae serotype V Tyrosine recombinase XerD-like (SAG1596). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SAG1596 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 SAG1596. It may not necessarily be applicable to this product.

NCBI GI #	22537736
NCBI GeneID	1014405
NCBI Accession #	NP_688587.1
UniProt Primary Accession #	Q8DY96

UniProt Related Accession #	Q8DY96
GenBank Nucleotide #	NC_004116.1
NCBI Official Full Name	site-specific tyrosine recombinase XerD
NCBI Official Symbol	xerD
UniProt Protein Name	Tyrosine recombinase XerD-like
UniProt Gene Name	SAG1596
NCBI Protein Information	site-specific tyrosine recombinase XerD
UniProt Comments for SAG1596	Putative tyrosine recombinase. Not involved in the cutting and rejoining of the recombining DNA molecules on dif(SL) site.
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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