Spermatogenesis-Associated Protein 19, Mitochondrial (SPATA19) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Spermatogenesis-associated protein 19, mitochondrial (Spata19), Recombinant Protein
Full Product Name	Recombinant Rat Spermatogenesis-associated protein 19, mitochondrial (Spata19)
Product Gene Name	Spata19 recombinant protein
Product Synonym Gene Name	Spata19
Sequence	NSDIEVEETE AVSVVQHWLN KTEEEASRSI KEKISINDPC TQGHDIHVTR DLVKHRLSKC DMLTDPNQEV LEERTRIQFI RWSHTRIFQV PSEMMDDVIQ ERIDQVRRSV SHLRCDSSSD PCYRNSCSEC
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	18,041 Da
Sequence Positions	25-154, 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 Q920Q3
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Spata19 recombinant protein	MBS1349742 is a recombinant protein targeting Spata19. Also known as Recombinant Rat Spermatogenesis-associated protein 19, mitochondrial (Spata19). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Spata19 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 Spata19. It may not necessarily be applicable to this product.

NCBI GI #	19705495
NCBI GeneID	171403
NCBI Accession #	NP_599211.1
UniProt Primary Accession #	Q920Q3
UniProt Related Accession #	Q920Q3

GenBank Nucleotide #	NM_134384.1
NCBI Official Full Name	spermatogenesis-associated protein 19, mitochondrial
NCBI Official Synonym Full Names	spermatogenesis associated 19
NCBI Official Symbol	Spata19
NCBI Official Synonym Symbols	Spas1; spergen-1
UniProt Protein Name	Spermatogenesis-associated protein 19, mitochondrial
UniProt Synonym Protein Names	Spermatogenic cell-specific gene 1 protein; Spergen-1
Protein Family	Spermatogenesis-associated protein
UniProt Gene Name	Spata19
UniProt Synonym Gene Names	Spas1; Spergen1; Spergen-1
NCBI Protein Information	spermatogenesis-associated protein 19, mitochondrial
NCBI Summary for Spata19	has a N-terminal mitochondria-targeting signal which is involved in spermiogenesis [RGD, Feb 2006]
UniProt Comments for Spata19	May have a role in spermiogenesis.
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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