Beta-Microseminoprotein (MSMB) Macaca Mulatta (Rhesus Macaque) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Beta-microseminoprotein (MSMB), Recombinant Protein
Full Product Name	Recombinant Macaca mulatta (Rhesus macaque) Beta-microseminoprotein (MSMB)
Product Gene Name	MSMB recombinant protein
Sequence	SCSFIPNERF PGDSTRECTD LKGNKHPINS KWKTDNCERC TCYKTEIICC TLIATPVGYD KKKCQRIFKK EDCKYIVVEK KNPKKTCPID QWIL
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	13,079 Da
Sequence Positions	21-114, 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 P25142
Species	Macaca mulatta (Rhesus macaque)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MSMB recombinant protein	This protein is a member of the immunoglobulin binding factor family. It is synthesized by the epithelial cells of the prostate gland and secreted into the seminal plasma. This protein has inhibin-like activity. It may have a role as an autocrine paracrine factor in uterine, breast and other female reproductive tissues. The expression of the encoded protein is found to be decreased in prostate cancer. Two alternatively spliced transcript variants encoding different isoforms are described for this gene. The use of alternate polyadenylation sites has been found for this gene.
Other Notes	Small volumes of MSMB 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.
Searchable Terms for MSMB purchase	MBS1349894 is a recombinant protein targeting MSMB. Also known as Recombinant Macaca mulatta (Rhesus macaque) Beta-microseminoprotein (MSMB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MSMB. It may not necessarily be applicable to this product.

NCBI GI #	114051982
NCBI GeneID	709332
NCBI Accession #	NP_001040596.1
UniProt Primary Accession #	P25142

UniProt Related Accession #	P25142
GenBank Nucleotide #	NM_001047131.1
NCBI Official Full Name	beta-microseminoprotein
NCBI Official Symbol	MSMB
UniProt Protein Name	Beta-microseminoprotein
UniProt Synonym Protein Names	Prostate secreted seminal plasma protein; Prostate secretory protein of 94 amino acids; PSP-94; PSP94
Protein Family	Beta-microseminoprotein
UniProt Gene Name	MSMB
UniProt Synonym Gene Names	PSP-94; PSP94
NCBI Protein Information	beta-microseminoprotein
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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