9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MSMB Human

Beta-Microseminoprotein Human Recombinant
RCP1408

Product Overview

Name	MSMB Human
Description	
Beta-Microseminoprotein Human Recombinant	
Accession (Primary)	P08118
Synonyms	
Beta-microseminoprotein, Prostate secreted seminal plasma protein, Prostate secretory protein PSP94, Seminal plasma beta-inhibin, Immunoglobulin-binding factor, MSP, PSP, PSP57, PSP94, PSP-94, MSP-beta, beta-MSP, Microseminoprotein, IGBF, PN44, MSMB, MSP-B, MSPB, PRPS, Prostatic Secretory Protein.	
Introduction	
Microseminoprotein 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The sterile filtered concentrated (0.5mg/ml) protein solution was lyophilized with 20mM Tris & 20mM NaCl pH-7.5.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MKHHHHHHAS SCYFIPNEGV PGDSTRKCMD LKGNKHPINS EWQTDNCETC TCYETEISCC TLVSTPVGYD KDNCQRIFKK EDCKYIVVEK KDPKKTCSVSEWII.	

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Solubility

Add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely.

Precautions

MSMB Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P08118)