

## Beta-Microseminoprotein Human Recombinant

<b>Item Number</b>	rAP-4411
<b>Synonyms</b>	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>Description</b>	MSMB Recombinant Human produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 104 amino acids and having a molecular mass of 12 kDa. The MSMB is fused to His tag at N-Terminus. The Human MSMB is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P08118
<b>Amino Acid Sequence</b>	MKHHHHHHAS SCYFIPNEGV PGDSTRKCMD LKGNKHPINS EWQTDNCETC TCYETEISCC TLVSTPVGVD KDNCQRIFKK EDCKYIVVEK KDPKKTCSVSEWII.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
<b>Formulation and Purity</b>	The sterile filtered concentrated (0.5mg/ml) protein solution was lyophilized with 20mM Tris & 20mM NaCl pH-7.5. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	Add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**