



# Recombinant Human Beta-microseminoprotein (MSMB)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-BP015046HU  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P08118  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | SCYFIPNEGV PGDSTRKCMD LKGNKHPINS EWQTDNCETC TCYETEISCC<br>TLVSTPVGYD KDNCQRIFKK EDCKYIVVEK KDPKKTCSVS EWII  |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | MSMB  |
| <b>Protein Names</b>     | Recommended name: Beta-microseminoprotein Alternative name(s):<br>Immunoglobulin-binding factor Short name= IGBF PN44 Prostate secreted<br>seminal plasma protein Prostate secretory protein of 94 amino acids Short<br>name= PSP-94  |
| <b>Expression Region</b> | 21-114  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This protein is a member of the immunoglobulin binding factor family. It is<br>synthesized by the epithelial cells of the prostate gland and secreted into the<br>seminal plasma. This protein has inhibin-like activity. It may have a role as an<br>autocrine paracrine factor in uterine, breast and other female reproductive<br>tissues. The expression of the encoded protein is found to be decreased in<br>prostate cancer. Two alternatively spliced transcript variants encoding different<br>isoforms are described for this gene. The use of alternate polyadenylation sites<br>has been found for this gene. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the<br>contents to the bottom. Please reconstitute protein in deionized sterile water to a<br>concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final<br>concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final<br>concentration of glycerol is 50%. Customers could use it as reference.   |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients,<br>storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life<br>of lyophilized form is 12 months at -20°C/-80°C.  |