

Recombinant Human MSMB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MSMB-5656H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MSMB MS Standard C13 and N15-labeled recombinant protein (NP_002434) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene 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.
Molecular Mass	12.9 kDa
AA Sequence	MNVLLGSVVIFATFVTLCNASCYFIPNEGVPGDSTRKCMDLKGNKHPINSEWQTDNC ETCTCYETEISCTLVSTPGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVSEWIIT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MSMB microseminoprotein beta [Homo sapiens (human)]

Official Symbol MSMB

Synonyms MSMB; microseminoprotein, beta-; beta-microseminoprotein; IGBF; MSP; MSPB; PN44; PRPS; PSP; PSP 94; PSP57; PSP94; seminal plasma beta-inhibin; immunoglobulin binding factor; prostate secreted seminal plasma protein; prostate secretory protein of 94 amino acids; HPC13; PSP-94;

Gene ID 4477

mRNA Refseq NM_002443

Protein Refseq NP_002434

MIM 157145

UniProt ID P08118

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SDS-PAGE



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