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 ETCTCYETEISCCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVSEWIIT 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

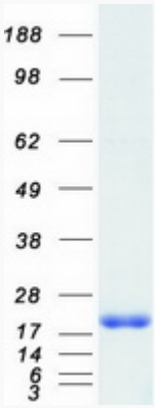
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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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