

Recombinant Full Length Human MSMB Protein, GST-tagged

Cat. No. MSMB-6462HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MSMB full-length ORF (AAH05257.1, 1 a.a. - 114 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	114 amino acids
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. [provided by RefSeq]
Molecular Mass	38.28 kDa
AA Sequence	MNVLLGSSVVFATFVTLCNASCYFIPNEGVPGDSTRKCMDLKGNKHPINSEWQTDNC ETCTCYETEISCCTLVSTPVG YDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVSEWII
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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