

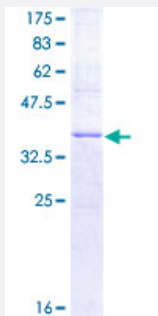
Full-Length

MSMB (Human) Recombinant Protein (P01)

Catalog # H00004477-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MSMB full-length ORF (AAH05257.1, 1 a.a. - 114 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNVLLGSVVIFATFVTLGNASCYFIPNEGVPDSTRKCMDLKGNKHPINSEWQTDNCETCTCYET EISCCTLVSTPVG YDKDNCQRIFKKEDCKYVVEKKDPKKTCSVSEWII
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.28
Interspecies Antigen Sequence	Mouse (43); Rat (46)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MSMB

Entrez GeneID	4477
GeneBank Accession#	BC005257
Protein Accession#	AAH05257.1
Gene Name	MSMB
Gene Alias	HPC13, IGBF, MSP, MSPB, PN44, PRPS, PSP, PSP-94, PSP57, PSP94
Gene Description	microseminoprotein, beta-
Omim ID	157145
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000019596 OTTHUMP00000019597 beta-microseminoprotein immunoglobulin binding factor prostate secreted seminal plasma protein prostatic secretory protein 94 seminal plasma beta-inhibin

Disease

- [Disease Progression](#)

- [Genetic Predisposition to Disease](#)
- [Neoplasm Recurrence](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)