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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PSMB3 (Human) Recombinant Protein (P01)

Catalog Number: H00005691-P01

Regulation Status: For research use only (RUO)

Product Description: Human PSMB3 full-length ORF (AAH13008.1, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MSIMSYNGGAVMAMKGKNCVAIAADRRFGIQAQMVTT  
DFQKIFPMGDRLYIGLAGLATDVQTVAQRLKFRNLNLYE  
LKEGRQIKPYTLMSMVANLLYEKRFPGPYTEPVIAGLD  
PKTFKPFICSLDLIGCPMVTDDFVVSGETCAEQMYGMC  
ESLWEPNMDPDHLFETISQAMLNAVDRDAVSGMGVIV  
HIIKDKITRRTLKARM
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 48.07

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 5691

Gene Symbol: PSMB3

Gene Alias: HC10-II, MGC4147

Gene Summary: The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped

20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. Pseudogenes have been identified on chromosomes 2 and 12. [provided by RefSeq]