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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PSMD12 (Human) Recombinant Protein (P01)

Catalog Number: H00005718-P01

Regulation Status: For research use only (RUO)

Product Description: Human PSMD12 full-length ORF (NP_002807.1, 1 a.a. - 456 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MADGGSERADGRIVKMEVDYSATVDQRLPECAKLAK
EGRLQEVIELLSLEKQTRTASDMVSTSRILVAVVKMC
YEAKEWDLLENIMLLSKRRSQLKQAVAKMVQQCCTY
VEEITDLPIKRLRIDTLRMVTEGKIYVEIERARLTKLATI
KEQNGDVKEAASILQELQVETYGSMEKKERVEFILEQ
MRLCLAVKDYIRTQIISKINTKFFQEENTEKLKLYYNL
MIQLDQHEGSYLSICKHYRAIYDTPCIQAESKWWQAL
KSVVLYVILAPFDNEQSDLVHRISGDKKLEEIPKYKDLL
KLFTTMELMRWSTLVEDYGMELRKGSLESPATDVFGS
TEEGEKRWKDLKNRVVEHNIRIMAKYYTRITMKRMAQ
LLDLSVDESEAFSLNLLVVKTFIAKVDRLAGIINFQRPK
DPNLLNDWSQKLNSLMSLVNKTTHLIAKEEMIHNLQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 79.3

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: 5718

Gene Symbol: PSMD12

Gene Alias: MGC75406, Rpn5, p55

Gene Summary: The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core 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. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase 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 non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 3. [provided by RefSeq]