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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PSMC5 (Human) Recombinant Protein (P01)

Catalog Number: H00005705-P01

Regulation Status: For research use only (RUO)

Product Description: Human PSMC5 full-length ORF (NP_002796.4, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MALDGPEQMELEEGKAGSGLRQYYLSKIEELQLIVND
KSQNLRRRLQAQRNELNAKVRLLREELQLLQEQGSYVG
EVRAMDKKKVLVKVHPEGKFVVDVDKNIDINDVTPN
CRVALRNDSTYTLHKILPNKVDPLVSLMMVEKVPDSTYE
MIGGLDKQIKEIKEVIELPVKHPELFEALGIAQPKGVLLY
GPPGTGKTLARAVAHHTDCTFIRVSGSELVQKFIGEG
ARMVRELFVMAREHAPSIIFMDEIDSIGSSRLEGGSGG
DSEVQRTMLELLNQLDGFTEATKNIKVIMATNRIDILDSA
LLRPGRIDRKIEFPPPNEEARLDILKIHSRKMNLTRGINL
RKIAELMPGASGAEVKGVCTEAGMYALRERRRVHVTQE
DFEMAVAKVMQKDSEKNMSIKKLWK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 72

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: 5705

Gene Symbol: PSMC5

Gene Alias: S8, SUG1, TBP10, TRIP1, p45, p45/SUG

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 one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. In addition to participation in proteasome functions, this subunit may participate in transcriptional regulation since it has been shown to interact with the thyroid hormone receptor and retinoid X receptor-alpha. [provided by RefSeq]