Datasheet for ABIN7585738

# PSMC1 Protein (AA 2-440) (His tag)

Go to Product page

## Overview

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| Quantity: | 100 µg |
| Target: | PSMC1 |
| Protein Characteristics: | AA 2-440 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PSMC1 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | GQSQSGGHG PGGGKKDDKD KKKKYEPPVP TRVGKKKKKT KGPDAASKLP LVTPHTQCRL KLLKLERIKD YLLMEEEFIR NQEQMKPLEE KQEEERSKVD DLRGTPMSVG TLEEIIDDNH AIVSTSVGSE HYVSILSFVD KDLLEPGCSV LLNHKVHAVI GVLMDDTDPL VTVMKVEKAP QETYADIGGL DNQIQEIKES VELPLTHPEY YEEMGIKPPK GVILYGPPGT GKTLLAKAVA NQTSATFLRV VGSELIQKYL GDGPKLVREL FRVAEEHAPS IVFIDEIDAI GTKRYDSNSG GEREIQRTML ELLNQLDGFD SRGDVKVIMA TNRIETLDPA LIRPGRIDRK IEFPLPDEKT KKRIFQIHTS RMTLADDVTL DDLIMAKDDL SGADIKAICT EAGLMALRER RMKVTNEDFK KSKENVLYKK QEGTPEGLYL |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time. |

## Product Details

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| Purity: | > 90 % |

## Target Details

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| Target: | PSMC1 |
| Alternative Name: | 26S protease regulatory subunit 4 (Psmc1) (PSMC1 Products) |
| Background: | Recommended name: 26S protease regulatory subunit 4.<br>Short name= P26s4.<br>Alternative name(s): 26S proteasome AAA-ATPase subunit RPT2 Proteasome 26S subunit ATPase 1 |
| UniProt: | P62193 |
| Pathways: | Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, Ubiquitin Proteasome Pathway |

## Application Details

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| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |

## Handling

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| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |