

[Go to Product page](#)

Datasheet for ABIN1474035

**PSMA1 Protein (AA 1-263) (His tag)**

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | PSMA1  |
| Protein Characteristics:      | AA 1-263                                     |
| Origin:                       | Rat  |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This PSMA1 protein is labelled with His tag. |
| Application:                  | ELISA  |

## Product Details

|                  |  |
|------------------|--|
| Sequence:        | MFRNQYDNDV TVWSPQGRIH QIEYAMEAVK QGSATVGLKS KTHAVLVALK RAQSELAHQ<br>KKILHVDNHI GISIAGLTAD ARLLCNFMRQ ECLDSRFVFD RPLPVSRLVS LIGSKTQIPT<br>QRYGRRPYGV GLLIAGYDDM GPHVFQTCPS ANYFDCRAMS IGARSQSART YLERHMSEFM<br>QCNLDELVKH GLRALRETLP AEQDLTTKNV SIGIVGKDLE FTIYDDDDVS PFLDGLEERP<br>QRKAQPSQAA DEPAEKADep MEH |
| Specificity:     | Rattus norvegicus (Rat)  |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.   |
| Purity:          | > 90 %   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | PSMA1   |
| Alternative Name: | Proteasome subunit alpha type-1 (Psm1) ( <a href="#">PSMA1 Products</a> )   |
| Background:       | Recommended name: Proteasome subunit alpha type-1.<br>EC= 3.4.25.1.<br>Alternative name(s): Macropain subunit C2 Multicatalytic endopeptidase complex subunit C2<br>Proteasome component C2 Proteasome nu chain |
| UniProt:          | <a href="#">P18420</a>  |
| Pathways:         | <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>   |

## Application Details

|               |  |
|---------------|--|
| 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 modiflicated 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

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