

Datasheet for ABIN7551086  
**PSMD7 Protein (AA 1-324) (His tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | PSMD7  |
| Protein Characteristics:      | AA 1-324                                     |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This PSMD7 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)        |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | Custom-made recombinat PSMD7 Protein expressed in mammalian cells.  |
| Sequence:        | <p>MP ELAVQKV V HPLVLLSVV DHFNRIKVG NQKRVVGVL GSWQKKVLDV SNSFAVPFDE</p> <p>DDKDDSVWFL DHDYLENMYG MFKKVNARER IVGWYHTGPK LHKNDIAINE LMKRYCPNSV</p> <p>LVIIDVKPKD LGLPTEAYIS VEEVHDDGTP TSKTFEHVTS EIGAEAEAEV GVEHLLRDIK</p> <p>DTTVGTLSQL ITNQVHGLKG LNSKLLDIRS YLEKVATGKL PINHQIYYQL QDVFNLLPDV</p> <p>SLQEFVKAFY LKTNDQMWWV YLASLIRSVV ALHNLINNKI ANRDAEKKEG QEKEESKKDR</p> <p>KEDKEKDKDK EKSDVKKEEK KEKK <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p> |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>   |

## Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

|         |   |
|---------|---|
| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
| Grade:  | custom-made   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | PSMD7  |
| Alternative Name: | PSMD7 ( <a href="#">PSMD7 Products</a> )   |
| Background:       | 26S proteasome non-ATPase regulatory subunit 7 (26S proteasome regulatory subunit RPN8) (26S proteasome regulatory subunit S12) (Mov34 protein homolog) (Proteasome subunit p40),FUNCTION: Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. {ECO:0000269 PubMed:1317798}. |
| Molecular Weight: | 37.0 kDa   |
| UniProt:          | <a href="#">P51665</a>   |
| Pathways:         | <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a> , <a href="#">Ubiquitin Proteasome Pathway</a>   |

## Application Details

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|--------------------|---|
| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies |
|--------------------|---|

Application Details

|  |  |
|--|--|
|  | as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
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|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

|         |  |
|---------|--|
| Buffer: | The buffer composition is at the discretion of the manufacturer. |
|---------|--|

|                  |                                    |
|------------------|------------------------------------|
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
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|          |        |
|----------|--------|
| Storage: | -80 °C |
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|                  |                 |
|------------------|-----------------|
| Storage Comment: | Store at -80°C. |
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|              |           |
|--------------|-----------|
| Expiry Date: | 12 months |
|--------------|-----------|