



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## PSMD4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005710-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

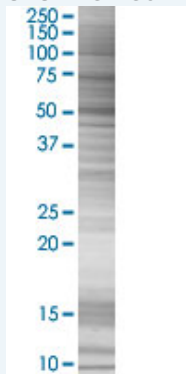
**Plasmid:** pCMV-PSMD4 full-length

**Host:** Human

**Theoretical MW (kDa):** 40.7

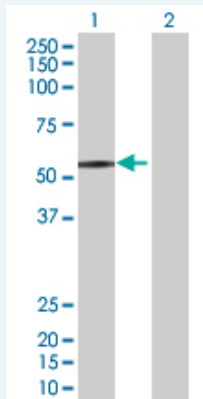
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PSMD4 antibody (H00005710-B01) by Western Blots.

#### SDS-PAGE Gel



PSMD4 transfected lysate.

#### Western Blot



Lane 1: PSMD4 transfected lysate ( 40.7 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [5710](#)

GeneBank Accession#: [NM\\_002810.2](#)

Protein Accession#: =

Gene Name: PSMD4

Gene Alias: AF,AF-1,ASF,MCB1,Rpn10,S5A,pUB-R5

Gene Description: proteasome (prosome, macropain) 26S subunit, non-ATPase, 4

Omim ID: [601648](#)

Gene Ontology: [Hyperlink](#)

**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 non-ATPase subunits of the 19S regulator lid. Pseudogenes have been identified on chromosomes 10 and 21. [provided by RefSeq]

**Other Designations:** 26S protease subunit S5a,26S proteasome non-ATPase regulatory subunit  
4,OTTHUMP00000014286,OTTHUMP00000059963,S5a/antiseecretory factor protein,angiocidin,antiseecretory factor 1,multiubiquitin chain binding protein,proteasome 26S non-ATPase subunit 4

### Gene Pathway

[Proteasome](#)