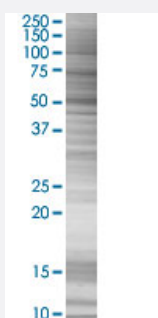


PSMD4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005710-T01

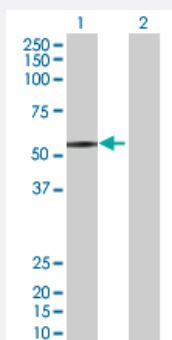
Size 100 uL

Applications



SDS-PAGE Gel

PSMD4 transfected lysate.



Western Blot

Lane 1: PSMD4 transfected lysate (40.7 KDa)

Lane 2: Non-transfected lysate.

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.

Applications

- Western Blot

Gene Info — PSMD4

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

Pathway

- [Proteasome](#)