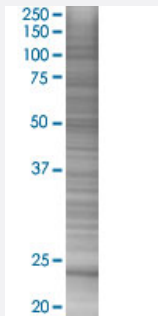


PSMD10 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005716-T03

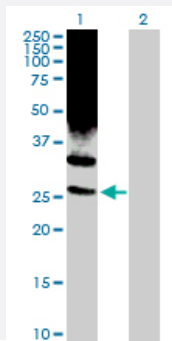
Size 100 uL

Applications



SDS-PAGE Gel

PSMD10 transfected lysate.



Western Blot

Lane 1: PSMD10 transfected lysate (24.40 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PSMD10 full-length
Host	Human
Theoretical MW (kDa)	24.4
Interspecies Antigen Sequence	Mouse (94); Rat (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PSMD10 antibody ([H00005716-D01P](#)) by Western Blots.
SDS-PAGE Gel
PSMD10 transfected lysate.
Western Blot
Lane 1: PSMD10 transfected lysate (24.40 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 — PSMD10

Entrez GeneID

[5716](#)

GeneBank Accession#

[NM_002814](#)

Protein Accession#

[NP_002805.1](#)

Gene Name

PSMD10

Gene Alias

dJ889N15.2, p28

Gene Description

proteasome (prosome, macropain) 26S subunit, non-ATPase, 10

Omim ID

[603480](#)

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 a non-ATPase subunit of the 19S regulator. Two transcripts encoding different isoforms have been described. Pseudogenes have been identified on chromosomes 3 and 20. [provided by RefSeq]

Other Designations

26S proteasome non-ATPase regulatory subunit 10|26S proteasome regulatory subunit p28|OTTHUMP00000023827|ankyrin repeat protein|gankyrin|hepatocellular carcinoma-associated protein p28-III|proteasome 26S non-ATPase subunit 10
