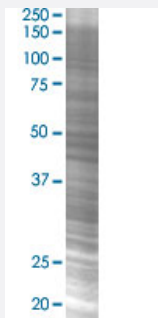


PSMD13 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005719-T04

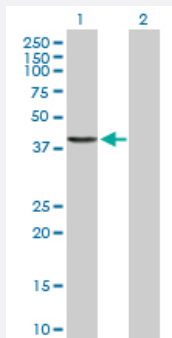
Size 100 uL

Applications



SDS-PAGE Gel

PSMD13 transfected lysate.



Western Blot

Lane 1: PSMD13 transfected lysate (42.90 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PSMD13 full-length
Host	Human
Theoretical MW (kDa)	42.9
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PSMD13 antibody ([H00005719-B02P](#)) by Western Blots.
SDS-PAGE Gel
PSMD13 transfected lysate.
Western Blot
Lane 1: PSMD13 transfected lysate (42.90 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 — PSMD13

Entrez GeneID

[5719](#)

GeneBank Accession#

[NM_002817](#)

Protein Accession#

[NP_002808](#)

Gene Name

PSMD13

Gene Alias

HSPC027, Rpn9, S11, p40.5

Gene Description

proteasome (prosome, macropain) 26S subunit, non-ATPase, 13

Omim ID

[603481](#)

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. [provided by RefSeq]

Other Designations

26S proteasome regulatory subunit S11|26S proteasome subunit p40.5|proteasome 26S non-ATPase subunit 13

Pathway

- [Proteasome](#)