

PSMD10 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005716-T02 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)



Product Information

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PSMD10 antibody (<u>H00005716-B01P</u>) 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% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

• Western Blot

Gene Info — PSMD10

Entrez GenelD	<u>5716</u>
GeneBank Accession#	<u>NM_002814</u>
Protein Accession#	<u>NP_002805.1</u>
Gene Name	PSMD10
Gene Alias	dJ889N15.2, p28
Gene Description	proteasome (prosome, macropain) 26S subunit, non-ATPase, 10
Omim ID	<u>603480</u>
Gene Ontology	<u>Hyperlink</u>
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 ar e distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ub iquitin-dependent process in a non-lysosomal pathway. An essential function of a modified protea some, 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



Product Information

Other Designations

26S proteasome non-ATPase regulatory subunit 10/26S proteasome regulatory subunit p28/OTT HUMP00000023827/OTTHUMP00000023828/ankyrin repeat protein/gankyrin/hepatocellular carc inoma-associated protein p28-II/proteasome 26S non-ATPase subunit 10