

Human 26S Proteasome Non-ATPase Regulatory Subunit 10 (PSMD10) ELISA Kit | PSMD10 elisa kit

Human 26S Proteasome Non-ATPase Regulatory Subunit 10 (PSMD10) ELISA Kit

CATALOG # AAA331262	REACTIVITY Human
-------------------------------	----------------------------

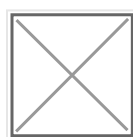
PRODUCT SYNONYMS

26S Proteasome Non-ATPase Regulatory Subunit 10 (PSMD10); Human 26S Proteasome Non-ATPase Regulatory Subunit 10 (PSMD10) ELISA Kit; PSMD10; RP5-889N15.3; dJ889N15.2; p28; 26S proteasome non-ATPase regulatory subunit 10; 26S proteasome regulatory subunit p28; ankyrin repeat protein; gankyrin; hepatocellular carcinoma-associated protein p28-I; PSMD10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human 26S proteasome non-ATPase regulatory subunit 10 (PSMD10) ELISA Kit has high sensitivity and excellent specificity for detection of Human PSMD10. No significant cross-reactivity or interference between Human PSMD10 and analogues was observed.
Sequence Length	226
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human 26S proteasome non-ATPase regulatory subunit 10 (PSMD10) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PSMD10 elisa kit	Description: This Human 26S proteasome non-ATPase regulatory subunit 10 (PSMD10) ELISA Kit employs a two-site sandwich ELISA to quantitate PSMD10 in samples. An antibody specific for PSMD10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PSMD10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PSMD10 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PSMD10 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. 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. PSMD10 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. The predicted 226-amino acid human p28 protein contains 5 ankyrin repeats, which are thought to function in protein-protein interactions.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	20532206
NCBI GeneID	5716
UniProt Accession #	O75832
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 10
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 10
NCBI Official Symbol	PSMD10
NCBI Official Synonym Symbols	p28; p28(GANK); dJ889N15.2
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 10
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 10
UniProt Gene Name	PSMD10
UniProt Entry Name	PSD10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.