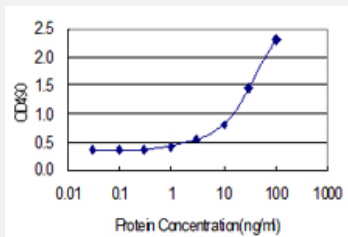


PSMD5 (Human) Matched Antibody Pair

Catalog # H00005711-AP22

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human PSMD5.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00005711-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-PSMD5 (100 ug) 2. Detection antibody: mouse purified polyclonal anti-PSMD5 (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — PSMD5

Entrez GeneID [5711](#)**Gene Name** PSMD5**Gene Alias** KIAA0072, MGC23145, S5B**Gene Description** proteasome (prosome, macropain) 26S subunit, non-ATPase, 5**Omim ID** [604452](#)**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 base. [provided by RefSeq]

Other Designations 26S protease subunit S5 basic|26S proteasome non-ATPase regulatory subunit 5|26S proteasome subunit S5B|OTTHUMP00000021990|proteasome 26S non-ATPase subunit 5