

Recombinant Human PSMA6

Catalog No: #GP13559



Package Size: #GP13559-1 100ug

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Description

Product Name	Recombinant Human PSMA6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-246 amino acids of human PSMA6
Target Name	proteasome subunit alpha 6
Other Names	IOTA; p27K; PROS27
Accession No.	Swissprot:P60900Gene Accession:BC002979
Uniprot	P60900
GeneID	5687;
Storage	-20~-80°C, pH 7.6 PBS

Background

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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. 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 member of the peptidase T1A family, that is a 20S core alpha subunit. Multiple transcript variants encoding several different isoforms have been found for this gene. A pseudogene has been identified on the Y chromosome.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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