

# Recombinant Human PSMC6

Catalog No: #GP12956



Package Size: #GP12956-1 100ug

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## Description

Product Name	Recombinant Human PSMC6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 190-389 amino acids of human PSMC6
Target Name	proteasome 26S subunit, ATPase 6
Other Names	P44; p42; SUG2; CADP44; HEL-S-73
Accession No.	Swissprot:P62333Gene Accession:BC005390
Uniprot	P62333
GeneID	5706;
Storage	-20~-80°C, pH 7.6 PBS

## 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. 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 one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. Pseudogenes have been identified on chromosomes 8 and 12.

## 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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