

PSMC6 抗原（重组蛋白）

中文名称： PSMC6 抗原（重组蛋白）

英文名称： PSMC6 Antigen (Recombinant Protein)

别名： proteasome 26S subunit, ATPase 6; P44; p42; SUG2; CADP44; HEL-S-73

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 190-389 amino acids of human PSMC6

技术规格

Full name:	proteasome 26S subunit, ATPase 6
Synonyms:	P44; p42; SUG2; CADP44; HEL-S-73
Swissprot:	P62333
Gene Accession:	BC005390
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 peptid

es. 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.