PSMD12 抗原（重组蛋白）

中文名称：PSMD12 抗原（重组蛋白）

英文名称： PSMD12 Antigen (Recombinant Protein)

别　名： proteasome 26S subunit, non-ATPase 12; p55; Rpn5; STISS

储　存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 257-456 amino acids of human PSMD12

技术规格：

Full name:	proteasome 26S subunit, non-ATPase 12
Synonyms:	p55; Rpn5; STISS
Swissprot:	O00232
Gene Accession:	BC019062
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 hig hly ordered structure composed of 2 complexes, a 20S core and a 19 S 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 c omposed of 7 beta subunits. The 19S regulator is composed of a ba se, which contains 6 ATPase subunits and 2 non-ATPase subunits, an d a lid, which contains up to 10 non-ATPase subunits. Proteasomes a re distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysos omal pathway. An essential function of a modified proteasome, the i

	mmunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.