

## 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：

<b>Full name:</b>	proteasome 26S subunit, non-ATPase 12
<b>Synonyms:</b>	p55; Rpn5; STISS
<b>Swissprot:</b>	O00232
<b>Gene Accession:</b>	BC019062
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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, an

...d 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. A pseudogene has been identified on chromosome 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.