

PSMB7 抗原（重组蛋白）

中文名称：PSMB7 抗原（重组蛋白）

英文名称：PSMB7 Antigen (Recombinant Protein)

别名：Z

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 44-277 amino acids of human PSMB7

技术规格：

Full name:	proteasome (prosome, macropain) subunit, beta type, 7
Synonyms:	Z
Swissprot:	Q99436
Gene Accession:	BC000509
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 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. The encoded protein is a member of the

proteasome B-type family, also known as the T1B family, and is a 20 S core beta subunit in the proteasome. Expression of this catalytic subunit is downregulated by gamma interferon, and proteolytic processing is required to generate a mature subunit. A pseudogene of this gene is located on the long arm of chromosome 14.