

PSMA1 抗原（重组蛋白）

中文名称：PSMA1 抗原（重组蛋白）

英文名称：PSMA1 Antigen (Recombinant Protein)

别名：proteasome subunit alpha 1; NU; HC2; PROS30; HEL-S-275

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 1-263 amino acids of human PSMA1

技术规格：

Full name:	proteasome subunit alpha 1
Synonyms:	NU; HC2; PROS30; HEL-S-275
Swissprot:	P25786
Gene Accession:	BC005932
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. An essential function of

a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Alternative splicing results in multiple transcript variants encoding distinct isoforms.