

Recombinant Human PSMB7

Catalog No: #GP11141



Package Size: #GP11141-1 100ug

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Description

Product Name	Recombinant Human PSMB7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 44-277 amino acids of human proteasome (prosome, macropain) subunit, beta type, 7
Target Name	proteasome (prosome, macropain) subunit, beta type, 7
Other Names	Z
Accession No.	Swissprot:Q99436Gene Accession:BC000509
Uniprot	Q99436
GenID	5695;
Storage	-20~-80°C, pH 7.6 PBS

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 20S 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.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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