

Recombinant Human PSMC4

Catalog No: #GP12953



Package Size: #GP12953-1 100ug

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Description

Product Name	Recombinant Human PSMC4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 219-418 amino acids of human PSMC4
Target Name	proteasome 26S subunit, ATPase 4
Other Names	S6; RPT3; TBP7; TBP-7; MIP224
Accession No.	Swissprot:P43686Gene Accession:BC010396
Uniprot	P43686
GeneID	5704;
Storage	-20~-80°C, pH 7.6 PBS

Background

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, and 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. This gene encodes a member of the triple-A family of ATPases that is a component of the 19S regulatory subunit and plays a role in 26S proteasome assembly. The encoded protein interacts with gankyrin, a liver oncoprotein, and may also play a role in Parkinson's disease through interactions with synphilin-1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.?

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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