

## Proteasome Subunit Beta Type 9 Human Recombinant

<b>Item Number</b>	rAP-1615
<b>Synonyms</b>	Proteasome subunit beta type-9, Low molecular mass protein 2, Macropain chain 7, Multicatalytic endopeptidase complex chain 7, Proteasome chain 7, Proteasome subunit beta-1i, Really interesting new gene 12 protein, PSMB9, LMP2, PSMB6i, RING12, beta1i, MGC
<b>Description</b>	PSMB9 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (21-219 a.a.) and having a molecular mass of 23.5kDa. PSMB9 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P28065
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MTTIMAVEFD GGVVMGSDSR VSAGEAVVNR VFDKLSPLHE RI-YCALSGS AADAQAVADMA AYQLELHGIE LEEPPLVLAA ANVVRNISK YREDLSAHLM VAGWDQREGG QVYGTGGML TRQPFAGGS GSTFIYGYVD AAYKPGMSPE ECRRTTDAI ALAMSRDGSS GGVLYL-VTIT AAGVDHRVIL GNELPKFYDE.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	PSMB9 solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 50mM NaCl. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**