

## 32-2756: PSMB9 Recombinant Protein

**Alternative Name :** 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

### Description

Source : Escherichia Coli. 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. Proteasome subunit beta type-9 (PSMB9) belongs to the proteasome B-type family which is a 20S core beta subunit. PSMB9 is positioned in the class II region of the MHC (major histocompatibility complex). Expression of the PSMB9 protein is induced by gamma interferon and this gene product replaces catalytic subunit 1 (proteasome beta 6 subunit) in the immunoproteasome.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** PSMB9 solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 50mM NaCl.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MTTIMAVEFD GGVMGSDSR VSAGEAVVNR VFDKLSPLHE RIYCALSGS AADAQAVADMA AYQLELHGIE LEEPPLVLA ANVVRNISK YREDLSAHLM VAGWDQREGG QVYGTGGML TRQPFAIGGS GSTFIYGYVD AAYKPGMSPE ECRRFTTDAI ALAMSRDGSS GGVIYLVIT AAGVDHRVIL GNELPKFYDE.