

## 32-4527: Recombinant Human Proteasome Activator Subunit 1

**Alternative Name :** REG-alpha,PA28alpha,PA28a,Proteasome Activator subunit-1,Proteasome Activator 28 subunit alpha,Interferon gamma up-regulated I-5111 protein.

### Description

Source : Escherichia Coli. PSME1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 269 amino acids (1-249a.a.) and having a molecular mass of 30.8kDa.PSME1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PSME1 is an interferon gamma (IFNG) inducible proteasome activator essential for presentation of certain major histocompatibility (MHC) class I antigens. The PSME1 complex is an alternate proteasome activator which operates with no use of ubiquitin. The PSME1 complex is made out of two homologous subunits, alpha and beta, that functions in similar catalytic properties and is connected to a hexameric ring.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The PSME1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl and 10% glycerol.  
**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.Please avoid freeze thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MAMLRVQPEA QAKVDVFRED LCTKTENLLG SYFPKKISEL DAFLKEPALN  
EANLSNLKAP LDIPVPDPVK EKEKEERKKQ QEKEDKDEKK KGEDEDKGPP CGPVCNEKI VVLLQRLKPE  
IKDVIEQLNL VTTWLQLQIP RIEDGNNFGV AVQEKV FELM TSLHTKLEGF HTQISKYFSE RGDVTKAAK  
QPHVGDYRQL VHELDEAEYR DIRLMVMEIR NAYAVLYDII LKNFEKLKPP RGETKGMIIY