

Proteasome Activator Subunit 1 Human Recombinant

Item Number	rAP-1638
Synonyms	REG-alpha, PA28alpha, PA28a, Proteasome Activator subunit-1, Proteasome Activator 28 subunit alpha, Interferon gamma up-regulated I-5111 protein.
Description	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.
Uniprot Accession Number	Q06323
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MAMLRVQPEA QAKVDVFRED LCTKTENLLG SYFPKKISEL DAFLKEPALN EANLSNLKAP LDIPVPDPVK EKEKEERKKQ QEKEDKDEKK KGEDEDKGPP CGPVNCKNEKI VVLLQRLKPE IKDVIEQLNL VTTWLQLQIP RIEDGNNFGV AVQEKVFELM TSLHTKLEGF HTQISKYFSE RGDVTKAAK QPHVGDYRQL VHELDEAEYR DIRLMVMEIR NAYAVLYDII LKNFEKLKKP RGETKGMII
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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. Please avoid freeze thaw cycles.
Formulation and Purity	The PSME1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**