

Proteasome Activator Subunit 2 Human Recombinant

Item Number	rAP-1641
Synonyms	Proteasome (prosome, macropain) activator subunit 2 (PA28 beta), PA28beta, Activator of multicatalytic protease subunit 2, Proteasome activator 28 subunit beta, 11S regulator complex subunit beta, PA28B, REG-beta, cell migration-inducing protein 22, MCP a
Description	PSME2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 259 amino acids (1-239) and having a molecular mass of 29.5 kDa. PSME2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UL46
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MAKPCGVRLS GEARKQVEVF RQNLFQEAE FLYRFLPQKI IYLNQLQED SLNVADLTSL RAPLDIIPD PPPKDDMET DKQEKKEVPK CGFLPGNEKV LSLALVKPE VWTLKEKCIL VITWQHLP KIEDGNDFGV AIQEKVLERV NAVKTKVEAF QTTISKYFSE RGDVAKASK ETHVMDYRAL VHERDEAAYG ELRAMVLDLR AFYAELYHII SSNLEKIVNP KGEEKPSMY
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	The PSME2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT, 0.1mM PMSF and 20% glycerol. Greater than 95% 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**