

Proteasome Subunit Alpha Type 6 Human Recombinant

Item Number	rAP-1620
Synonyms	Proteasome (prosome, macropain) subunit alpha type 6, PROS27, p27K, IOTA, Macropain iota chain, Multicatalytic endopeptidase complex iota chain, Proteasome iota chain, 27 kDa prosomal protein.
Description	PSMA6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 270 amino acids (1-246 a.a.) and having a molecular mass of 29.9kDa. PSMA6 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P60900
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMSRGSS AGFDRHITF SPEGRLYQVE YAFKAINQGG LTSVAVRGKD CAVIVTQKKV PDKLLDSSTVTHLFKITENI GCVMTGMTAD SRSQVQRARY EAANWKYKYG YEIPVDMLCK RIADISQVYT QNAEMRPLGC CMILIGIDEE QGPQVYKCDP AGYYCGFKAT AAGVKQTEST SFLEKKVKKK FDWTFEQTVE TAITCLSTVL SIDFKPSEIE VGVVTVENPK FRILTEAID AHLVALAERD
Source	Escherichia 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	PSMA6 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 40% glycerol. Greater than 90.0% 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**