

Proteasome 26S Subunit, Non-ATPase 5 Human Recombinant

Item Number	rAP-1636
Synonyms	PSMD5, Proteasome (Prosome, Macropain) 26S Subunit, Non-ATPase, 526S Protease Subunit S5 Basic, 26S Proteasome Subunit S5B, S5B, 26S Proteasome Non-ATPase Regulatory Subunit 5, KIAA0072.
Description	PSMD5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 529 amino acids (1-504 a.a) and having a molecular mass of 58.9kDa. PSMD5 is fused to a 25 amino acid His-tag at N-terminus
Uniprot Accession Number	Q16401
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSEFMAAQA LALLREVARL EAPLEELRAL HSVLQAVPLN ELRQQAELR LGPLFSLLNE NHREKTTLCV SILERLLQAM EPVHVARNLR VDLQRGLIHP DDSVKILTLS QIGRIVENS D AVTEILNNAE LLKQIVYCIG GENLSVAKAA IKSLSRISLT QAGLEALFES NLLDDLKSVK MTNDIVRYRV YELIIEISSV SPESLNYCTT SGLVTQLLRE LTGEDVLVRA TCIEMVTSLA YTHHGRQYLA QEGVIDQISN IIVGADSDPF SSFYLPGFVK FFGNLAVMDS PQQICERYPI FVEKVFEMIE SQDPTMIGVA VDTVIGILGSN VEGKQVLQKT GTRFERLLMR IGHQSKNAPV ELKIRCLDAI SLLLYLPPEQ QTDDLLRMTE SWFSSLSRDP LELFRGISSQ PFPELHCAAL KVFTAIANQP
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	PSMD5 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% 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**