

Proteasome 26S Subunit, Non-ATPase 13 Human Recombinant

Item Number	rAP-1635
Synonyms	HSPC027, p40.5, Rpn9, S11, 26S proteasome non-ATPase regulatory subunit 13, 26S proteasome regulatory subunit RPN9, 26S proteasome regulatory subunit S11, 26S proteasome regulatory subunit p40.5, PSMD13.
Description	PSMD13 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 399 amino acids (1-376a.a) and having a molecular mass of 45.3kDa. PSMD13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UNM6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKDVPGF LQQSQNSGPG QPAVWHRL EE LYTKKLWHQL TLQVLDFVQD PCFAQGDGLI KLYENFISEF EHRVNPLSLV EIILHVVRQM TDPNVALTFL EKTREKVKSS DEAVILCKTA IGALKLNIGD LQVTKETIED VEEMLNLP LG VTSVHSRFYD LSSKYYQTIG NHASYKDAL RFLGCVDIKD LPVSEQQERA FTLGLAGLLG EGVFNFGELL MHPVLES LRN TDRQWLIDTL YAFNSGN- VER FQTLKTAWGQ QPDLAANE AQ LLRKIQLLCL MEMTFTRPAN HRQLTFEEIA KSAKITVNEV ELLVMKALSV GLVKGSIDEV DKRVHMTWVQ PRVLDLQQIK GMKDRLEFWC TDVKSMEMLV EHQAHDILT.
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	The PSMD13 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA 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**