

Recombinant Human PSMD9, GST-tagged

Cat. No. PSMD9-2033H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMD9 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-223aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PSMD9 proteasome (prosome, macropain) 26S subunit, non-ATPase, 9 [Homo sapiens]
Official Symbol	PSMD9
Synonyms	PSMD9; proteasome (prosome, macropain) 26S subunit, non-ATPase, 9; 26S proteasome non-ATPase regulatory subunit 9; p27; Rpn4; homolog of rat Bridge 1; 26S proteasome regulatory subunit p27; proteasome 26S non-ATPase regulatory

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	subunit 9; MGC8644;
Gene ID	5715
mRNA Refseq	NM_002813
Protein Refseq	NP_002804
MIM	603146
UniProt ID	O00233
Chromosome Location	12q24.31-q24.32
Pathway	APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem; Activation of APC/C and APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem;
Function	bHLH transcription factor binding; protein binding; transcription coactivator activity;