

Recombinant Human PSMD4, His-tagged

Cat. No. PSMD4-2031H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMD4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-377aa
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	PSMD4 proteasome (prosome, macropain) 26S subunit, non-ATPase, 4 [Homo sapiens]
Official Symbol	PSMD4
Synonyms	PSMD4; proteasome (prosome, macropain) 26S subunit, non-ATPase, 4; 26S proteasome non-ATPase regulatory subunit 4; AF; AF 1; Rpn10; S5A; angiocidin; RPN10 homolog; antiseecretory factor 1; S5a/antiseecretory factor protein;

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	multiubiquitin chain-binding protein; 26S proteasome regulatory subunit S5A; ASF; AF-1; MCB1; pUB-R5;
Gene ID	5710
mRNA Refseq	NM_002810
Protein Refseq	NP_002801
MIM	601648
UniProt ID	P55036
Chromosome Location	1q21.2
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	protein binding;