

Recombinant Human PSMD14, GST-tagged

Cat. No. PSMD14-2030H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMD14 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-95aa
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	PSMD14 proteasome (prosome, macropain) 26S subunit, non-ATPase, 14 [Homo sapiens]
Official Symbol	PSMD14
Synonyms	PSMD14; proteasome (prosome, macropain) 26S subunit, non-ATPase, 14; 26S proteasome non-ATPase regulatory subunit 14; pad1; POH1; Rpn11; 26S proteasome regulatory subunit rpn11; 26S proteasome-associated PAD1 homolog 1;

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	PAD1; RPN11;
Gene ID	10213
mRNA Refseq	NM_005805
Protein Refseq	NP_005796
MIM	607173
UniProt ID	O00487
Chromosome Location	2q14.3
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	endopeptidase activator activity; metal ion binding; metallopeptidase activity; peptidase activity; proteasome binding; ubiquitin thiolesterase activity;