

Recombinant Human PSMD1, GST-tagged

Cat. No. PSMD1-2025H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMD1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	606-953aa
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	PSMD1 proteasome (prosome, macropain) 26S subunit, non-ATPase, 1 [Homo sapiens]
Official Symbol	PSMD1
Synonyms	PSMD1; proteasome (prosome, macropain) 26S subunit, non-ATPase, 1; 26S proteasome non-ATPase regulatory subunit 1; P112; Rpn2; S1; 26S proteasome subunit p112; 26S proteasome regulatory subunit S1; 26S proteasome regulatory

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	subunit RPN2; MGC133040; MGC133041;
Gene ID	5707
mRNA Refseq	NM_001191037
Protein Refseq	NP_001177966
UniProt ID	Q99460
Chromosome Location	2q37.1
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	binding; enzyme regulator activity;