

Recombinant Human PSMD12, GST-tagged

Cat. No. PSMD12-2028H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMD12 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-320aa
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	PSMD12 proteasome (prosome, macropain) 26S subunit, non-ATPase, 12 [Homo sapiens]
Official Symbol	PSMD12
Synonyms	PSMD12; proteasome (prosome, macropain) 26S subunit, non-ATPase, 12; 26S proteasome non-ATPase regulatory subunit 12; p55; Rpn5; 26S proteasome regulatory subunit p55; 26S proteasome regulatory subunit RPN5; MGC75406;

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Gene ID	5718
mRNA Refseq	NM_002816
Protein Refseq	NP_002807
MIM	604450
UniProt ID	O00232
Chromosome Location	17q24.3
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;