

Recombinant Human PSMC2, His-tagged

Cat. No. PSMC2-2023H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMC2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	84-433aa
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	PSMC2 proteasome (prosome, macropain) 26S subunit, ATPase, 2 [Homo sapiens]
Official Symbol	PSMC2
Synonyms	PSMC2; proteasome (prosome, macropain) 26S subunit, ATPase, 2; 26S protease regulatory subunit 7; mammalian suppressor of sgV 1 of yeast; MSS1; Nbla10058; protease 26S subunit 7; proteasome 26S subunit; ATPase; 2; putative protein product of Nbla10058; S7; proteasome 26S subunit ATPase 2; proteasome 26S subunit,

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	ATPase, 2; 26S proteasome AAA-ATPase subunit RPT1; mammalian suppressor of sgv-1 of yeast; MGC3004;
Gene ID	5701
mRNA Refseq	NM_001204453
Protein Refseq	NP_001191382
MIM	154365
UniProt ID	P35998
Chromosome Location	7q22.1-q22.3
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	ATP binding; ATPase activity; hydrolase activity; nucleotide binding; protein binding;