Recombinant Human PSMC1, GST-tagged

Cat. No. PSMC1-2022H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMC1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-364aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	PSMC1 proteasome (prosome, macropain) 26S subunit, ATPase, 1 [Homo sapiens]
Official Symbol	PSMC1
Synonyms	PSMC1; proteasome (prosome, macropain) 26S subunit, ATPase, 1; 26S protease regulatory subunit 4; p56; S4; proteasome 26S ATPase subunit 1; proteasome 26S subunit ATPase 1; proteasome 26S subunit, ATPase, 1; 26S proteasome AAA-ATPase subunit RPT2; P26S4; MGC8541; MGC24583;

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Gene ID	5700
mRNA Refseq	NM_002802
Protein Refseq	NP_002793
MIM	602706
UniProt ID	P62191
Chromosome Location	14q32.11
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;

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