

## Recombinant Human PSMA2, GST-tagged

Cat. No. PSMA2-2010H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PSMA2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-234aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PSMA2 proteasome (prosome, macropain) subunit, alpha type, 2 [ Homo sapiens ]
<b>Official Symbol</b>	PSMA2
<b>Synonyms</b>	PSMA2; proteasome (prosome, macropain) subunit, alpha type, 2; proteasome subunit alpha type-2; HC3; MU; PMSA2; macropain subunit C3; proteasome subunit HC3; proteasome component C3; multicatalytic endopeptidase complex subunit C3; PSC2;

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<b>Gene ID</b>	5683
<b>mRNA Refseq</b>	NM_002787
<b>Protein Refseq</b>	NP_002778
<b>MIM</b>	176842
<b>UniProt ID</b>	P25787
<b>Chromosome Location</b>	7p13
<b>Pathway</b>	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;
<b>Function</b>	peptidase activity; protein binding; threonine-type endopeptidase activity;

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