

Recombinant Human PSMA2, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PSMA2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-234aa
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	PSMA2 proteasome (prosome, macropain) subunit, alpha type, 2 [Homo sapiens]
Official Symbol	PSMA2
Synonyms	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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Gene ID	5683
mRNA Refseq	NM_002787
Protein Refseq	NP_002778
MIM	176842
UniProt ID	P25787
Chromosome Location	7p13
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	peptidase activity; protein binding; threonine-type endopeptidase activity;