

Recombinant Human PSMA3, GST-tagged

Cat. No. PSMA3-2011H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMA3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-255aa
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	PSMA3 proteasome (prosome, macropain) subunit, alpha type, 3 [Homo sapiens]
Official Symbol	PSMA3
Synonyms	PSMA3; proteasome (prosome, macropain) subunit, alpha type, 3; proteasome subunit alpha type-3; HC8; macropain subunit C8; proteasome subunit C8; proteasome component C8; multicatalytic endopeptidase complex subunit C8; PSC3; MGC12306; MGC32631;

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Gene ID	5684
mRNA Refseq	NM_002788
Protein Refseq	NP_002779
MIM	176843
UniProt ID	P25788
Chromosome Location	14q23
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;