

Recombinant Human PSMA6, GST-tagged

Cat. No. PSMA6-2013H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMA6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-246aa
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	PSMA6 proteasome (prosome, macropain) subunit, alpha type, 6 [Homo sapiens]
Official Symbol	PSMA6
Synonyms	PSMA6; proteasome (prosome, macropain) subunit, alpha type, 6; proteasome subunit alpha type-6; IOTA; MGC2333; MGC22756; MGC23846; p27K; PROS27; PROS-27; macropain iota chain; prosomal P27K protein; proteasome iota chain; macropain subunit iota; 27 kDa prosomal protein; proteasome subunit iota;

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multicatalytic endopeptidase complex iota chain;	
Gene ID	5687
mRNA Refseq	NM_002791
Protein Refseq	NP_002782
MIM	602855
UniProt ID	P60900
Chromosome Location	14q13
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	NF-kappaB binding; RNA binding; RNA binding; endopeptidase activity; peptidase activity; protein binding; purine ribonucleoside triphosphate binding; threonine-type endopeptidase activity;