

Recombinant Human PSMA4, GST-tagged

Cat. No. PSMA4-2012H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMA4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-237aa
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	PSMA4 proteasome (prosome, macropain) subunit, alpha type, 4 [Homo sapiens]
Official Symbol	PSMA4
Synonyms	PSMA4; proteasome (prosome, macropain) subunit, alpha type, 4; proteasome subunit alpha type-4; HC9; HsT17706; macropain subunit C9; proteasome subunit L; proteasome subunit HC9; proteasome component C9; multicatalytic endopeptidase complex subunit C9; PSC9; MGC12467; MGC24813; MGC111191;

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Gene ID	5685
mRNA Refseq	NM_001102667
Protein Refseq	NP_001096137
MIM	176846
UniProt ID	P25789
Chromosome Location	15q24.1
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;