

Recombinant Human PSMB3, His-tagged

Cat. No. PSMB3-2017H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMB3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-205aa
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	PSMB3 proteasome (prosome, macropain) subunit, beta type, 3 [Homo sapiens]
Official Symbol	PSMB3
Synonyms	PSMB3; proteasome (prosome, macropain) subunit, beta type, 3; proteasome subunit beta type-3; HC10 II; MGC4147; proteasome chain 13; proteasome theta chain; proteasome component C10-II; HC10-II;

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Gene ID	5691
mRNA Refseq	NM_002795
Protein Refseq	NP_002786
MIM	602176
UniProt ID	P49720
Chromosome Location	17q12
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; threonine-type endopeptidase activity;