

Recombinant Human PSMB4, GST-tagged

Cat. No. PSMB4-2018H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMB4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-264aa
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	PSMB4 proteasome (prosome, macropain) subunit, beta type, 4 [Homo sapiens]
Official Symbol	PSMB4
Synonyms	PSMB4; proteasome (prosome, macropain) subunit, beta type, 4; proteasome subunit beta type-4; HN3; PROS26; hsBPROS26; proteasome chain 3; macropain beta chain; proteasome beta chain; 26 kDa prosomal protein; proteasome subunit HsN3; proteasome subunit, beta type, 4; multicatalytic endopeptidase complex beta chain;

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	HsN3; PROS-26;
Gene ID	5692
mRNA Refseq	NM_002796
Protein Refseq	NP_002787
MIM	602177
UniProt ID	P28070
Chromosome Location	1q21
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	lipopolysaccharide binding; peptidase activity; threonine-type endopeptidase activity;