Recombinant Human PSMB10 lysate

Cat. No. PSMB10-512HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
Species	Human
Source	HEK293
Molecular Mass	32289.71Da
Recommended Usage	WB
Storage Instruction	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

GENE INFORMATION

Gene Name	PSMB10 proteasome (prosome, macropain) subunit, beta type, 10 [Homo sapiens]
Official Symbol	PSMB10
Synonyms	PSMB10; proteasome (prosome, macropain) subunit, beta type, 10; MECL1; proteasome subunit beta type-10; beta2i; LMP10; MGC1665; proteasome MECl-1; macropain subunit MECl-1; proteasome subunit MECL1; proteasome subunit beta 7i; proteasome subunit beta-2i; low molecular mass protein 10; proteasome catalytic subunit 2i; multicatalytic endopeptidase complex subunit MECl-1; FLJ00366;

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Gene ID	5699
mRNA Refseq	NM_002801
Protein Refseq	NP_002792
MIM	176847
UniProt ID	P40306
Chromosome Location	16q22.1
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; threonine-type endopeptidase activity;

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