OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP503694

Psmb8 (NM_010724) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse proteasome (prosome, macropain) subunit, beta type 8 (large multifunctional peptidase 7) (Psmb8), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203694 protein sequence Red=Cloning site Green=Tags(s) MALLDLCGAARGQRPEWAALDAGSGGRSDPGHYSFSAQAPELALPRGMQPTAFLRSFGGDQERNVQIEMA HGTTTLAFKFQHGVIVAVDSRATAGSYISSLRMNKVIEINPYLLGTMSGCAADCQYWERLLAKECRLYYL RNGERISVSAASKLLSNMMLQYRGMGLSMGSMICGWDKKGPGLYYVDDNGTRLSGQMFSTGSGNTYAYGV MDSGYRQDLSPEEAYDLGRRAIAYATHRDNYSGGVVNMYHMKEDGWVKVESSDVSDLLYKYREAAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	30.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034854
Locus ID:	16913
UniProt ID:	P28063

View online »

RefSeq Size:	1223
Cytogenetics:	17 17.98 cM
RefSeq ORF:	831
Synonyms:	Lmp-7; Lmp7
Summary:	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides. May participate in the inflammatory response pathway. Required for adipocyte differentiation (PubMed:21881205, PubMed:22341445, PubMed:8066463). May be involved in the generation of spliced peptides resulting from the ligation of two separate proteasomal cleavage products that are not contiguous in the parental protein (By similarity).[UniProtKB/Swiss-Prot Function]