

Product Data Sheet

Recombinant Human Proteasome beta 9 Protein

Catalog #	Source	Reactivity	Applications
CST1550	E. coli	H	
Description	Recombinant Human Proteasome beta 9 Protein is produced by E. coli expression system and the target gene encoding Thr21-Glu219 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	PSMB9		
Alternative Names	LMP2; PSMB6i; RING12; Proteasome subunit beta type-9; Low molecular mass protein 2; Macropain chain 7; Multicatalytic endopeptidase complex chain 7; Proteasome chain 7; Proteasome subunit beta-1i; Really interesting new gene 12 protein		
Entrez Gene	5698		
SwissProt	P28065		
Purity			
Chemical Structure	TTIMAVEFDG GVVMGSDSRV SAGEAVVNRV FDKLSPLHER IYCALSGSAA DAQAVADMAA YQLELHGIEL EEPPLVLAAA NVVRNISKY REDLSAHLMV AGWDQREGGQ VYGTGGMLT RQPFAIGGSG STFIYGYVDA AYKPGMSPEE CRRFTTDAIA LAMSRDGSSG GVIYLVITTA AGVDHRVILG NELPKFYDE		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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