

Recombinant Mouse GZMB Protein

Catalog #	Source	Reactivity	Applications
CRP1650	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse GZMB Protein is produced by our mammalian expression system and the target gene encoding Gly19-Ser247 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of PBS, pH 7.4.		
Gene Symbol	GZMB		
Alternative Names	CGL1; CSPB; CTLA1; GRB; Granzyme B; C11; CTLA-1; Cathepsin G-like 1; CTSG1; Cytotoxic T-lymphocyte proteinase 2; Lymphocyte protease; Fragmentin-2; Granzyme-2; Human lymphocyte protein; HLP; SECT; T-cell serine protease 1-3E		
Entrez Gene	14939 (Mouse)		
SwissProt	P04187 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	GEIIGGHEVK PHSRPYMALL SIKDQQPEAI CGGFLIREDF VLTAAHCEGS IINVTLG AHN IKEQEKTQQV IPMVKCI PHP DYNPKTFSND IMLLKLKSKA KRTRAVRPLN LPRRNVNPKP GDVCYVAGWG RMAPMGKYSN TLQEVELTVQ KDRECESYFK NRYNKTNQC AGDPKTKRAS FRGDSGGPLV CKKVAAGIVS YGYKDGSPPR AFTKVSSFLS WIKKTMKSSV DHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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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