

Recombinant Human Granzyme B Protein

Catalog #	Source	Reactivity	Applications
CST1733	HEK293	H	
Description	Recombinant Human Granzyme B Protein is produced by HEK293 expression system and the target gene encoding Met1-Tyr247 is expressed with C-terminus His tag.		
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	3002		
SwissProt	P10144		
Purity			
Chemical Structure	MQPILLLLAF LLLPRADAGE IIGGHEAKPH SRPYMAYLMI WDQSLKRCG GFLIRDDFVL TAAHCWGSSI NVTLGAHNIK EQEPTQQFIP VKRPIHPAY NPKNFSNDIM LLQLERKAKR TRAVQPLRLP SNKAQVKPGQ TCSVAGWGQT APLGKHSHTL QEVKMTVQED RKCESDLRHY YDSTIELCVG DPEIKKTSFK GDSGGPLVCN KVAQGIVSYG RNNGMPPRAC TK		
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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www.cohesionbio.com

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