

Recombinant Human CD16 Protein

| Catalog # | Source | Reactivity | Applications |
|--------------------------------|--|------------|---------------------|
| CRP2611 | Human cells | Human | E, WB, SDS-PAGE, MS |
| Description | Recombinant Human CD16 Protein is produced by mammalian expression system and the target gene encoding Gly17-Gln208 (Val176Phe) is expressed fused with a 6His tag at the C-terminus. | | |
| Form | Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4. | | |
| Gene Symbol | FCGR3A | | |
| Alternative Names | CD16A; FCG3; FCGR3; IGFR3; Low affinity immunoglobulin gamma Fc region receptor III-A; CD16a antigen; Fc-gamma RIII-alpha; Fc-gamma RIII; Fc-gamma RIIIa; FcRIII; FcRIIIa; FcR-10; IgG Fc receptor III-2; CD16a | | |
| Entrez Gene | 2214 (Human) | | |
| SwissProt | P08637 (Human) | | |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. | | |
| Chemical Structure | GMRTEDLPKA VVFLEPQWYR VLEKDSVTLK CQGAYSPEDN STQWFHNESL ISSQASSYFI DAATVDDSGE YRCQTNLSTL SDPVQLEVHI GWLLLQAPRW VFKEEDPIHL RCHSWKNTAL HKVTYLQNGK GRKYFHNSD FYIPKATLKD SGSYFCRGLF GSKNVSSETV NITITQGLAV STISSFFPPG YQHSHHHH | | |
| 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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. | | |
| Storage/Stability | Lyophilized protein should be stored at -20°C, though stable at room temperature | | |
| 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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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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