

Recombinant Mouse CD64 Protein

Catalog #	Source	Reactivity	Applications
CRP2929	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse CD64 Protein is produced by mammalian expression system and the target gene encoding Glu25-Pro297 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	FCGR1A
Alternative Names	FCG1; FCGR1; IGFR1; High affinity immunoglobulin gamma Fc receptor I; IgG Fc receptor I; Fc-gamma RI; FcRI; Fc-gamma RIA; FcgammaRIa; CD64
Entrez Gene	14129 (Mouse)
SwissProt	P26151 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	EVVNATKAVI TLQPPWVSIF QKENVTLWCE GPHLPGDSST QWFINGTAVQ ISTPSYSIPE ASFQDSGEYR CQIGSSMPSD PVQLQIHNDW LLLQASRRVL TEGEPLALRC HGWKNKLVYN VVFYRNGKSF QFSSDSEVAI LKTNLSHSGI YHCSGTGRHR YTSAGVSITV KELFTTPVLR ASVSSPFPEG SLVTLNCETN LLLQRPGLQL HFSFYVGSKI LEYRNTSSEY HIARAEREDA GFYWCEVATE DSSVLKRSPE LELQVLGPQS SAPVDHHHHH H
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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