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Product Data Sheet

Recombinant Mouse CD64 Protein

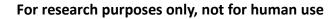
Catalog #	Source	Reactivity	Applications			
CRP2929	Human cells	Mouse	E, WB, SDS-PAGE, MS			
Description	Recom	1binant Mouse CD64	Protein is produced by mammalian expression system			
	and th	e target gene encoc	ling Glu25-Pro297 is expressed with a 6His tag at the			
	C-tern	ninus.				
Form	Lyophi	ilized from a 0.2 μm	filtered solution of PBS, pH7.4.			
Gene Symbo	FCGR1	.Α				
Alternative N	lames FCG1;	FCG1; FCGR1; IGFR1; High affinity immunoglobulin gamma Fc receptor I; IgG Fc				
	recept	or I; Fc-gamma RI; F	cRI; Fc-gamma RIA; FcgammaRIa; CD64			
Entrez Gene	14129	14129 (Mouse)				
SwissProt	P2615	P26151 (Mouse)				
Purity	Greate	Greater than 95% as determined by reducing SDS-PAGE.				
Chemical Str	ucture EVVNA	EVVNATKAVI TLQPPWVSIF QKENVTLWCE GPHLPGDSST QWFINGTAVQ ISTPSYSIPE				
	ASFQE	SGEYR CQIGSSMPS	D PVQLQIHNDW LLLQASRRVL TEGEPLALRC HGWKNKLVYN			
	VVFYR	NGKSF QFSSDSEVAI	LKTNLSHSGI YHCSGTGRHR YTSAGVSITV KELFTTPVLR			
	ASVSS	PFPEG SLVTLNCETN	LLLQRPGLQL HFSFYVGSKI LEYRNTSSEY HIARAEREDA			
	GFYW	CEVATE DSSVLKRSPE	E LELQVLGPQS SAPVDHHHHH H			
Quality Cont	rol Endote	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.				
Directions fo	r Use Always	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not				
	recom	mended to reconsti	tute to a concentration less than 100 μ g/ml. Dissolve the			
	lyophi	lized protein in ddH	20. Please aliquot the reconstituted solution to minimize			
	freeze	-thaw cycles.				
Storage/Stab	ility Ivonhi	ilized protein should	he stored at -20° C though stable at room temperature			

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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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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