Active Recombinant Mouse FCGR3 Protein, His-Avi-tagged, Biotinylated

Cat. No. FCGR3-1112M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Mouse FCGR3 Protein(Q5D5I8)(Leu32-Thr215) is expressed from HEK293 with His tag and Avi tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	32-215 aa
Form	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4).
Bio-activity	OKT3 captured on CM5 Chip via Protein A can bind Biotinylated Mouse Fc gamma RIII, His Tag with an affinity constant of 0.164 μM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 23.97 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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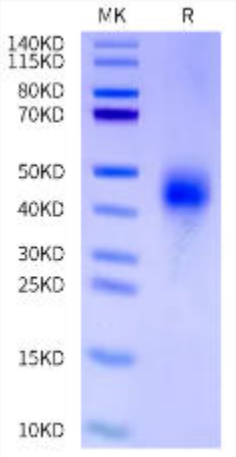
	storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	Fcgr3 Fc receptor, IgG, low affinity III [Mus musculus]
Official Symbol	FCGR3
Synonyms	FCGR3; Fc receptor, IgG, low affinity III; low affinity immunoglobulin gamma Fc region receptor III; fcRIII; FcgammaRIII; fc-gamma RIII; Fcg receptor III; igG Fc receptor III; Fc gamma receptor III; CD16;
Gene ID	14131
mRNA Refseq	NM_010188
Protein Refseq	NP_034318
Bis-Tris PAGE	

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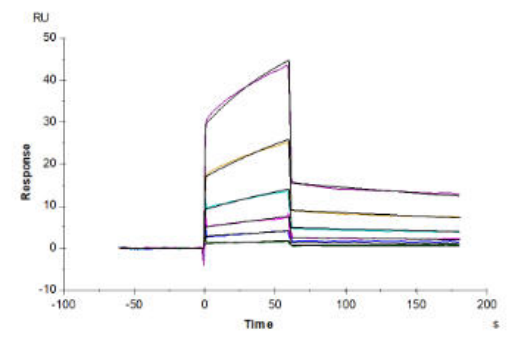
SPR Data	

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