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

Cat. No. FCGR3-284C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Cynomolgus CD16, His Tag is expressed from HEK293 cells. It contains AA Gly 17 - Gln 208 (Accession # Q8SPW2-1). This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag.
Species	Cynomolgus
Source	HEK293
ProteinLength	17-208 a.a.
Predicted N Terminal	Gly 17
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Rituximab at 5 ug/mL (100 uL/well) can bind Biotinylated Cynomolgus CD16, His Tag with a linear range of 0.039-1.25 ug/mL.
Molecular Mass	The protein has a calculated MW of 25.7 kDa. The protein migrates as 36-45 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	For long term storage, the product should be stored at lyophilized state at -20ºC or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8ºC for 12 months in lyophilized state; -70ºC for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Official Symbol	FCGR3
Synonyms	FCGR3

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