

Active Recombinant Cynomolgus FCGR2A protein, His/Avi-tagged, Biotinylated

Cat. No. FCGR2A-297C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus FCGR2A protein(AAL92096.1) extracellular domain (Met 1-Gly 220) was expressed in HEK293, fused with a c-terminal polyhistidine tagged AVI tag at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met 1-Gly 220
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Cynomolgus CD32A Protein (His & AVI Tag), Biotinylated at 2 µg/mL (100 µL/well) can bind Human IgG2 Protein (257 Ser/Ala), the EC50 is 15-140 ng/mL.
Molecular Mass	The recombinant cynomolgus CD32a consists of 206 amino acids and has a calculated molecular mass of 22.9 kDa. The apparent molecular mass of the recombinant protein is approximately 33-35 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	>95% as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.
Conjugation	Biotin

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