

Active Recombinant Cynomolgus FCGR2B protein, His-Avi-tagged, Biotinylated

Cat. No. FCGR2B-2972C Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus FCGR2B protein(AAL92097.1)(Met1-Gly220), fused with His-Avi tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Gly220
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Immobilized Cynomolgus CD32B/Fcgr2b Protein (His & AVI Tag), Biotinylated at 2 µg/mL (100 µL/well) can bind Human IgG2 Protein (257 Ser/Ala), the EC50 is 4-36 ng/mL.
Molecular Mass	The recombinant cynomolgus CD32b consists of 211 amino acids and has a calculated molecular mass of 23.5 kDa. The apparent molecular mass of the recombinant protein is approximately 34 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	> 97 % 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 that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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