

Active Recombinant Cynomolgus/Rhesus macaque CD244 protein, His-Avi-tagged, Biotinylated

Cat. No. CD244-2848C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus/Rhesus macaque CD244 protein(Leu 24-Gln 186), fused with His and Avi tag, was expressed in HEK293.
Species	Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	Leu 24-Gln 186
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Cynomolgus / Rhesus macaque 4-1BB, Avitag,His Tag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Cynomolgus 4-1BB Ligand, Fc Tag with a linear range of 0.3-2 ng/mL.Immobilized Cynomolgus 4-1BB Ligand, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Cynomolgus / Rhesus macaque 4-1BB, Avitag,His Tag with a linear range of 0.3-20 ng/mL.Immobilized Human 4-1BB Ligand, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Cynomolgus / Rhesus macaque 4-1BB, Avitag,His Tag with a linear range of 0.6-20 ng/mL.Immobilized Utomilumab at 1 µg/mL (100 µL/well) can bind Biotinylated Cynomolgus / Rhesus macaque 4-1BB, Avitag,His Tag with a linear range of 0.3-10 ng/mL.

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Molecular Mass	This protein carries an Avi tag (Avitag™) at the C-terminus, followed by a polyhistidine tag. The protein has a calculated MW of 21.8 kDa. The protein migrates as 30-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C 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 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin