Active Recombinant Mouse CD274 protein, Fc-Avi-tagged, Biotinylated

Cat. No. CD274-1285M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD274 Protein (19-238aa), was expressed in HEK293 with Fc tag, Avi tag and biotinylated conjugate.
Species	Mouse
Source	HEK293
ProteinLength	19-238 aa
Form	Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Biotinylated Mouse CD274, Fc,Avitag at 1 μg/mL (100 μL/well) on Streptavidin precoated (0.5 μg/well) plate, can bind Mouse PD-1, Mouse IgG2a Fc Tag with a linear range of 5-39 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag)The protein has a calculated MW of 53.2 kDa. The protein migrates as 65-85 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after 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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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