

Active Recombinant Mouse CD244 protein, His-Avi-tagged, Biotinylated

Cat. No. CD244-2849M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse CD244 protein(Val 24-Leu 211), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val 24-Leu 211
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Mouse 4-1BB / TNFRSF9 (24-211), Avitag,His Tag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Mouse 4-1BB Ligand, Fc Tag with a linear range of 0.3-2 ng/mL.Immobilized Mouse 4-1BB Ligand, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Mouse 4-1BB / TNFRSF9 (24-211), Avitag,His Tag with a linear range of 0.3-20 ng/mL.
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 24.5 kDa. The protein migrates as 30-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	Cd244 CD244 natural killer cell receptor 2B4 [Mus musculus]
Official Symbol	CD244
Synonyms	CD244; CD244 natural killer cell receptor 2B4; natural killer cell receptor 2B4; NK cell receptor 2B4; NK cell type I receptor protein 2B4; non MHC restricted killing associated; non-MHC restricted killing associated; 2B4; C9.1; Ly90; NAIL; Nmrk; NKR2B4; SLAMF4; F730046O15Rik;
Gene ID	18106
mRNA Refseq	NM_018729
Protein Refseq	NP_061199

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