Active Recombinant Human CD244 protein, Fc-Avi-tagged, Biotinylated

Cat. No. CD244-2845H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD244 protein(Leu 24-Gln 186), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu 24-Gln 186
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human 4-1BB, Fc,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind UreluMab, Human IgG4 with a linear range of 0.1-6 ng/mL.Immobilized Human 4-1BB Ligand, Mouse IgG2a Fc Tag, low endotoxin at 2 μg/mL (100 μL/well) can bind Biotinylated Human 4-1BB, Fc,Avitag with a linear range of 0.2-3 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 45.4 kDa. The protein migrates as 55-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per

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	μg by the LAL method.
Purity	>95% 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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CD244 CD244 molecule, natural killer cell receptor 2B4 [Homo sapiens]
Official Symbol	CD244
Synonyms	CD244; CD244 molecule, natural killer cell receptor 2B4; CD244 natural killer cell receptor 2B4 , natural killer cell receptor 2B4; natural killer cell receptor 2B4; 2B4; NAIL; NKR2B4; Nmrk; SLAMF4; h2B4; NK cell activation-inducing ligand; NK cell type I receptor protein 2B4; NK cell activation inducing ligand NAIL;
Gene ID	51744
mRNA Refseq	NM_001166663
Protein Refseq	NP_001160135

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MIM	605554
UniProt ID	Q9BZW8

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