

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

Cat. No. CD244-2854H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD244 protein(Leu 24-Gln 186), fused with His 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 PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized UreluMab, Human IgG4 at 1 µg/mL (100 µL/well) can bind Biotinylated Human 4-1BB, His,Avitag with a linear range of 1-15 ng/mL. Immobilized Biotinylated Human 4-1BB, His,Avitag at 1 µg/mL (100 µL/well) on Recombinant Streptavidin precoated (0.5µg/well) plate can bind Human 4-1BB Ligand, Fc Tag with a linear range of 0.1-2 ng/mL. Immobilized Utomilumab at 1 µg/mL (100 µL/well) can bind Biotinylated Human 4-1BB, His,Avitag with a linear range of 0.5-8 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). The protein has a calculated MW of 20.9 kDa. The protein migrates as 30-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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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

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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