Active Recombinant Human CD244 protein, Fc-tagged

Cat. No. CD244-2859H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD244 protein(Leu 24-Gln 186), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu 24-Gln 186
Form	Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human 4-1BB, Fc Tag at 0.1 μg/mL (100 μL/well) can bind Biotinylated Human 4-1BB Ligand, Fc,Avitag with a linear range of 0.4-6 ng/mL.Immobilized Human 4-1BB, Fc Tag at 1 μg/mL (100 μL/well) can bind Anti-Human 4-1BB MAb, Human IgG4 with a linear range of 0.2-3 ng/mL.Immobilized Human 4-1BB, Fc Tag at 1 μg/mL (100 μL/well) can bind Utomilumab with a linear range of 2-31 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 43.4 kDa. The protein migrates as 50-60 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.>90% as determined by SEC-MALS.

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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.

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
MIM	605554
UniProt ID	Q9BZW8

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