

Active Recombinant Mouse CD244 protein, Fc-tagged

Cat. No. CD244-2857M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD244 protein(Val 24-Leu 211), fused with Fc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val 24-Leu 211
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 Mouse 4-1BB, Fc Tag at 2 µg/mL (100 µL/well) can bind Human 4-1BB Ligand, Mouse IgG2a Fc Tag, low endotoxin with a linear range of 20-312 ng/mL. Immobilized Mouse 4-1BB, Fc Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human 4-1BB Ligand, Fc Tag, Avi Tag with a linear range of 0.01-0.156 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 46.7 kDa. The protein migrates as 50-66 kDa under reducing (R) condition (SDS-PAGE).
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.

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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 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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