

Active Recombinant Human CD244 protein, Fc-tagged

Cat. No. CD244-2852H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD244 protein(Asp 87-Gln 186), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp 87-Gln 186
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human 4-1BB (87-186), Fc Tag at 1 µg/mL (100 µL/well) can bind Utomilumab with a linear range of 4-31 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 37.1 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.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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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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