

## Active Recombinant Human CD244 protein, Fc-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human CD244 protein(Leu 24-Gln 186), fused with Fc tag, was expressed in HEK293.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | Leu 24-Gln 186  |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.   |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | 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.   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.  |
| <b>Purity</b>           | >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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