

## Active Recombinant Human CD244 protein, hFc-tagged

Cat. No. CD244-580H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Active Recombinant Human CD244 protein(Q9BZW8-2)(Cys22-Arg221) is expressed from HEK293 with hFc (IgG1) tag at the C-Terminus.

**Species** Human

**Source** HEK293

**ProteinLength** 22-221 aa

**Form** Lyophilized from 0.22µm filtered solution in 20mM Tris, 150mM NaCl (pH 8.0).

**Bio-activity** Immobilized Human CD48, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human 2B4, hFc Tag with the EC50 of 0.13µg/ml determined by ELISA.

**Molecular Mass** The protein has a predicted MW of 49 kDa. Due to glycosylation, the protein migrates to 68-75 kDa based on Bis-Tris PAGE result.

**Endotoxin** Less than 1 EU per µg by the LAL method.

**Purity** > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

**Storage** -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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**Reconstitution**      Dissolve the lyophilized protein in distilled water.

## 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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