

Active Recombinant Human CD244 protein, His-tagged, Low Endotoxin

Cat. No. CD244-903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD244 protein(Q9BZW8-2)(Cys22-Arg221), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-221 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human 2B4, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human CD48, hFc Tag with the EC50 of 92.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 23.1 kDa. Due to glycosylation, the protein migrates to 45-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

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

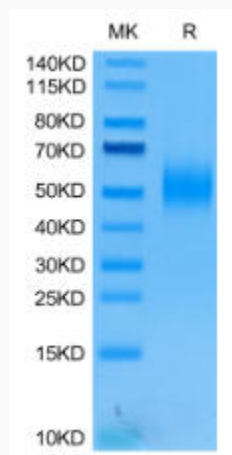
UniProt ID Q9BZW8

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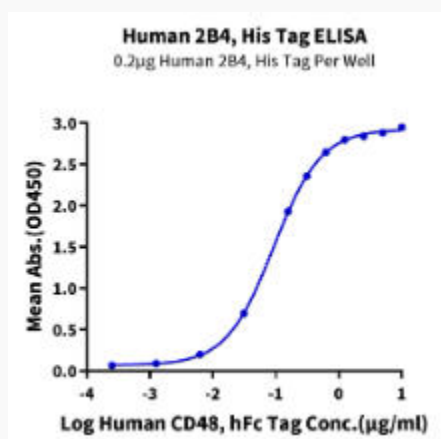
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Bis-Tris PAGE



ELISA Data



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