Active GMP Recombinant Human CD244 protein

Cat. No. CD244-158HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD244 protein(NP_001160135)(200 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human 2B4(UniProtKB/Swiss-Prot: Q9BZW8.2) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	Detect its binding activity using functional ELISA. The concentration of immobilized Recombinant Human 2B4(Fc tag) is 10μg/mL (100uL/well), and the linear binding range that can bind to Recombinant Human CD48 is 0.1-5μg/mL.
Molecular Mass	Recombinant Human CD244 protein contains 200 aa. It has a predicted MW of 23.9 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved

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	liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
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; 2B4; SLAMF4; NKR2B4; NAIL; h2B4
Gene ID	51744
mRNA Refseq	NM_001166663
Protein Refseq	NP_001160135
MIM	605554
UniProt ID	Q9BZW8

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