Active Recombinant Human CD244, His-tagged, Biotinylated

Cat. No. CD244-683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human SLAMF4 ECD protein is expressed as a 214-amino acid protein consisting of Cys22 - Pro224 region of SLAMF4 (UniProt accession #Q9BZW8 - isoform 2) and a C-terminal His-tag. It contains 8 potential sites for N-linked glycosylation.
Species	Human
Source	Human Cells
ProteinLength	22-224 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Immobilized SLAMF4 binds heterophilically to SLAMF2/CD48 in a functional ELISA
Molecular Mass	Calculated molecular mass (kDa): 24.0; Estimated by SDS-PAGE under reducing condition (kDa): 40-50
AA Sequence	CQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKKLLPSQNGFHHILKWENGSLPSNT SNDRFSFIVKNLSLLIK AAQQQDSGLYCLEVTSISGKVQTATFQVFVFDKVEKPRLQ GQGKILDRGRCQVALSCLVSRDGNVSYAWYRGSK LIQTAGNLTYLDEEVDINGTHT YTCNVSNPVSWESHTLNLTQDCQNAHQEFRFWPSTGHHHHHHHH
Endotoxin	<0.1 eu="" per="" 1="" µg="" of="" purified="" recombinant="" protein=""

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	determined="" by="" the="" lal="">
Purity	>90% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.
Conjugation	Biotin

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

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UniProt ID	Q9BZW8
Chromosome Location	1q23.1
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;
Function	protein binding; receptor activity;

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