

Active Recombinant Human CD244, Fc-tagged, Biotinylated

Cat. No. CD244-684H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	he recombinant human SLAMF4 ECD protein is expressed as a 431-amino acid protein consisting of Cys22 - Pro224 region of SLAMF4 (UniProt accession #Q9BZW8 - isoform 2) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Source	Human cells
Species	Human
Tag	Fc
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): 48.2; Estimated by SDS-PAGE under reducing condition (kDa): 65-75
AA Sequence	CQGSADHVVSISGVPLQLQPNSIQT KVDIAWKKLLPSQNGFHHILKWEN GSLPSNTSNDRFSEFIVKNLSLLIK AAQQQDSGLYCLEVTSISGKVQTAT FQVFVFDKVEKPRLQGQKILDRGR CQVALSCLVSRDGNVSYAWYRGSK LIQTAGNLTYLDEEVDINGTHTYTC NVSNPVSWESHTLNLTQDCQNAHQE FRFWPSTGTHTCPPCPAPELLGGP SVFLFPPKPKDTLMISRTPEVTCVV VDVSHEDPEVKFNWYVDGVEVHNAK TKPREEQYNSTYRVVSVLTVLHQD

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WLNQKEYKCKVSNKALPAPIEKTIS KAKGQPREPQVYTLPPSREEMTKNQ
VSLTCLVKGFYPSDIAVEWESNGQ PENNYKTPPVLDSDGSFFLYSKLT
VDKSRWQQGNVFCSCVMHEALHNNHY TQKSLSLSPGK

Endotoxin <0.1 eu per 1 µg of purified recombinant protein determined by the lal>

Purity >95% 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.

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

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MIM	605554
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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