

Recombinant Human CD244 Protein

Cat. No. CD244-577H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD244 protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	370
Description	This gene encodes a cell surface receptor expressed on natural killer (NK) cells (and some T cells) that mediate non-major histocompatibility complex (MHC) restricted killing. The interaction between NK-cell and target cells via this receptor is thought to modulate NK-cell cytolytic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Lyophilized
Molecular Mass	23.1 kDa
AA Sequence	MLGQVVTLILLLLLVYQGKGCQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKKLLP SQNGFHHILKWENGLPSNTSNDRFVFNLSLLIKAAQQQDSGLYCLEVTSISGKV QTATFQVFVFESLLPDKVEKPRLQGQGGKILDRGRCQVALSCLVSRDGNVSYAWYRG SKLIQTAGNLTYLDEEVDINGTHTYTCNVSNPVSWSHTLNLTQDCQNAHQEFRFW PFLVIIVILSALFLGTLACFCVWRRKRKEKQSETSPKEFLTIYEDVKDLKTRRNHEQEQ TFPGGGSTIYSMIQSQSSAPTSQEPAYTLYSLIQPSRKSGSRKRNHSPSFNSTIYEVI GKSQPKAQNPRLSRKELENFDVYS

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CD244 CD244 molecule, natural killer cell receptor 2B4 [Homo sapiens (human)]
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

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mRNA Refseq	NM_001166663
Protein Refseq	NP_001160135
MIM	605554
UniProt ID	Q9BZW8

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