

## Recombinant Human CD244 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CD244 protein without tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	370
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	23.1 kDa
<b>AA Sequence</b>	MLGQVVTLILLLLLVYQGGKGCQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKKLLP SQNGFHHILKWENGLSPSNTSNDRFSFIVKNLSLLIKAAQQQDSGLYCLEVTSISGKV QTATFQVVFESLLPDKVEKPRLQGGKILDRGRCQVALSCLVSRDGNVSYAWYRG SKLIQTAGNLTYLDEEVDINGTHTYTCNVSNPVSWEHTLNLTQDCQNAHQEFRFW PFLVIVILSALFLGTLACFCVWRRKRKEKQSETSPKEFLTIYEDVKDLKTRRNHEQEQ TFPGGGSTIYSMIQSQSSAPTSQEPAYTLYSLIQPSRKSGSRKRNHSPSFNSTIYEVI GKSQPKAQNPALRSRKELENFDVYS

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<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	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.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	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

<b>Gene Name</b>	CD244 CD244 molecule, natural killer cell receptor 2B4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD244
<b>Synonyms</b>	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;
<b>Gene ID</b>	51744

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<b>mRNA Refseq</b>	NM_001166663
<b>Protein Refseq</b>	NP_001160135
<b>MIM</b>	605554
<b>UniProt ID</b>	Q9BZW8

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