

Recombinant Human CD244 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CD244-4512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD244 MS Standard C13 and N15-labeled recombinant protein (NP_057466) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	41.1 kDa
AA Sequence	MLGQVVTLILLLLKVVYQGKGCQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKLLP SQNGFHHILKWENGSLPSNTSNDRFSEFIVKNLSLLIKAAQQQDSGLYCLEVTSISGKV QTATFQVFVFDKVEKPRLQGQGKILDRGRCQVALSCLVSRDGNVSYAWYRGSKLIQ TAGNLTYLDEEVDINGTHYTCNVSNPVSWESHTLNLTQDCQNAHQEF RFWPFLVII VILSALFLGTLACFCVWRRKRKEKQSETSPKEFLTIYEDVKDLKTRRNHEQEQTTPG GGSTIYSMIQSQSSAPTSQEPAYTLYSLIQPSRKSGSRKRNHSPSFNSTIYEVIGKSQ PKAQNPARLSRKELENFDVYSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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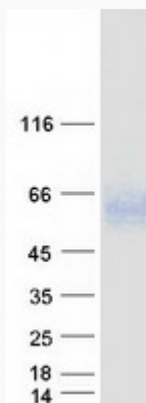
 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	CD244 CD244 molecule [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
mRNA Refseq	NM_016382
Protein Refseq	NP_057466
MIM	605554
UniProt ID	Q9BZW8

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SDS-PAGE

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