

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

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

## SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

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

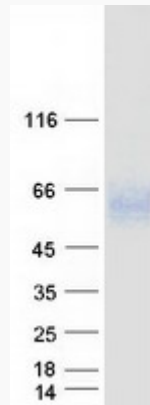
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SDS-PAGE



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