

Product datasheet for **SC304416**

CD244 (NM_016382) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD244 (NM_016382) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD244
Synonyms:	2B4; NAIL; NKR2B4; Nmrk; SLAMF4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_016382 edited
 GTCCTGTGGAAATGCTGGGGCAAGTGGTCACCCTCATACTCCTCTGCTCCTCAAGGTGT
 ATCAGGGCAAAGGATGCCAGGGATCAGCTGACCATGTGGTTAGCATCTCGGGAGTGCCTC
 TTCAGTTACAACCAAACAGCATAACAGACGAAGGTTGACAGCATTGCATGGAAGAAGTTGC
 TGCCCTCACAAAATGGATTTTCATCACATATTGAAGTGGGAGAATGGCTCTTTGCCTTCCA
 ATACTTCCAATGATAGATTTCAGTTTTATAGTCAAGAAGTTGAGTCTTCTCATCAAGGCAG
 CTCAGCAGCAGGACAGTGGCCTCTACTGCCTGGAGGTCACCAAGTATATCTGGAAAAGTTC
 AGACAGCCACGTTCCAGTTTTTTGATTTGATAAAGTTGAGAAAACCCCGCTACAGGGGC
 AGGGGAAGATCCTGGACAGAGGGAGATGCCAAGTGGCTCTGTCTTGCTTGGTCTCCAGGG
 ATGGCAATGTGTCTATGCTTGGTACAGAGGGAGCAAGCTGATCCAGACAGCAGGGAAACC
 TCACCTACCTGGACGAGGAGGTTGACATTAATGGCACTCACACATACCTGCAATGTCA
 GCAATCCTGTTAGCTGGGAAAGCCACACCCTGAATCTCACTCAGGACTGTCAGAATGCC
 ATCAGGAATTCAGATTTTGGCCTTTTTGGTGATCATCGTGATTCTAAGCGCACTGTTCC
 TTGGCACCTTGCTGCTTCTGTGTGGAGGAGAAGAGGAAGGAGAAGCAGTCAGAGA
 CCAGTCCCAAGGAATTTTGGCAATTTACGAAGATGTCAAGGATCTGAAAACCAGGAGAA
 ATCAGCAGCAGGAGCAGACTTTTCTGGAGGGGGAGCACCATCTACTCTATGATCCAGT
 CCCAGTCTTCTGCTCCCACGTCAACAAGAACCTGCATATACATTATATTCAATTAATTCAGC
 CTTCCAGGAAGTCTGGATCCAGGAAGAGGAACACAGCCCTTCCCTCAATAGCACTATCT
 ATGAAGTGATTGGAAAGAGTCAACCTAAAGCCAGAACCTGCTCGATTGAGCCGCAAAG
 AGCTGGAGAACTTTGATGTTTATTCCTAGTTGCTGCAGCAATTCTCACCTTTCTTGCACA
 TCAGCATCTGCTTTGGGAATTGGCACAGTGGATGACGGCACAGGAGTCTCTATAGAACAG
 TGCCTAACCAACCATGATAAGAGCAAGGCTGTTAAATAATATCTTCCAATTTACAGATCAG
 ACATGAATGGGTGGAGGGTTAGGTTGTTCAAAAAGGCCACATTCCAAGTATTTGTAAT
 CTAGAAAAGTGTATGTAAGTGATGTTATTAGCATCGAGATTCCCTCCACCTGATTTTCAA
 GCTGTCACTTGTTCCTTTTCTCCCTCTCTGGGTTGACTGCATTTCTAGACTCTCGCCG
 GCCCAGGCCCATCTTCAAAGCAAGAGGAAGGAATGATAATGGTGACTCAGGGGAAGAAG
 AAACAGCCCTCTCTGAAAGCCTGGACTGTCCGGCTGTGAAGTGGCTGGCAGGTTCTGCA
 CGTGGGTGGGGCCAGGGCTGGGCTTTACTCAATTGCAGAGAAAAAACTTTCTCCCTGC
 ATCTCATACCTTTACCTCTGGCCAGTTGGCCACCAGGGGAGTGGGCTGAAGGGAGAGTA
 GATGGTGCAAAGCAAGCCATCTCTAAGTAGAAAAATCACCCAGAGCACATGCTGACCTG
 ATAACTGGGGTGTGAGACCAGCTTTGCCATGGTATGATGTTTGATTTATGAAGACGCA
 TTGTTAGAAAATCCATTTGGCTTCTTCATAGAAGTGGCTTCCCAGAGGAAGAGGCCTCTCA
 GAAACCATGTTCTATTTAAGTTCTGAGTCTGATGAGTGTTCACCAGGATGCACATTGAA
 GGGAGGGCTCAGGCAGCTGAGGGCTGAGAATGAGGCAGTTGGAATCTAGACACTATGCTG
 GGTTCCTGAGTCGTGAGCCAGACATTTCAACAAGGCTGTGGGGAGCAGGGCTGTGACT
 CTGGCTGAGCCCAGGAAAGCGACAAGGGTGAAGTGGGAGAGGACTTACTCAGAGACCCCA
 ACAGGTGATACTGCACAAAGCCTGGTTCTTCAATTTTCTACCCTGTATCTAACATAGGA
 GTTTCATATAAAACGGTGATATCATGCAGATGCAGTCTGAATTCCTTGCCTGAATTAAT
 TTATGTATCCTCTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016382

Insert Size: 2300 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_016382.2.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_016382.2 , NP_057466.1
RefSeq Size:	2481 bp
RefSeq ORF:	1098 bp
Locus ID:	51744
UniProt ID:	Q9BZW8
Cytogenetics:	1q23.3
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity
Gene Summary:	<p>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.[provided by RefSeq, Oct 2009]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript and encodes isoform 1.</p>