

Product datasheet for **SC322005**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322005
 CTTGTGGGAAGTGCAGACCAGCTCCAGGCGCTGGGGCTTTCTCAGTGGCCTTGTGAGCT
 CACAGCAGGCGTTAACAGCCTCTAATTGAGGAACTGTGGCTGGACAGGTTGCAAGGCAG
 TTCTGCTCCCCATCGTCTCTTGTCTGACTGGGGACTGCTGAGCCCGTGCACGGCAGAGAG
 TCTGGTGGGGTGGAGGGGCTGGCCTGGCCCTCTGTCTGTGAAATGCTGGGGCAAGTG
 GTCACCCTCATACTCTCTCTCTCAAGGTGTATCAGGGCAAAGGATGCCAGGGATCA
 GCTGACCATGTGGTTAGCATCTCGGGAGTGCCTTTCAGTTACAACCAAACAGCATACAG
 ACGAAGGTTGACAGCATTGCATGGAAGAAGTTGCTGCCCTCACAAAATGGATTTTCATCAC
 ATATTGAAGTGGGAGAATGGCTCTTTGCCTTCCAATACTTCCAATGATAGATTTCAGTTTT
 ATAGTCAAGAAGTGTAGTCTTCTCATCAAGGCAGCTCAGCAGCAGGACAGTGGCCTCTAC
 TGCCTGGAGGTCACCAAGTATATCTGAAAAGTTTCAGACAGCCACGTTCCAGGTTTTTGTA
 TTTGATAAAGTTGAGAAACCCCGCTACAGGGGCAGGGGAAGATCCTGGACAGAGGGAGA
 TGCCAAGTGGCTGTCTTGGTCTCCAGGGATGGCAATGTGTCTATGCTTGGTAC
 AGAGGGAGCAAGCTGATCCAGACAGCAGGGAACCTCACCTACCTGGACGAGGAGTTGAC
 ATTAATGGCACTCACACATATACCTGCAATGTCAGCAATCCTGTTAGCTGGGAAAGCCAC
 ACCTGAATCTCACTCAGGACTGTCAGAATGCCATCAGGAATTCAGATTTTGGCCGTTT
 TTGGTGATCATCGTGATTCTAAGCGCACTGTTCCCTTGGCACCTTGCCTGCTTCTGTGTG
 TGGAGGAGAAAGAGGAAGGAGAAGCAGTCAGAGACCAGTCCCAAGGAATTTTGCACAATT
 TACGAAGATGTCAAGGATCTGAAAACAGGAGAAAATCACGAGCAGGAGCAGACTTTTCT
 GGAGGGGGGAGCACCATCTACTCTATGATCCAGTCCCAGTCTTCTGCTCCACGTCACAA
 GAACCTGCATATACATTATTCATTAATTCAGCCTTCCAGGAAGTCTGGATCCAGGAAG
 AGAAACACAGCCCTTCCCTCAATAGCACTATCTATGAAGTATTGAAAAGAGTCAACCT
 AAAGCCCAGAACCTGCTCGATTGAGCCGCAAAGAGCTGGAGAAGTTGATGTTTTATCC
 TAGTTGCTGCAGCAATTCTCACCTTTCTGCACATCAGCATCTGCTTTGGGAATTGGCAC
 AGTGGATGACGGCACAGGAGTCTCTATAGAACAGTTCCTAGTCTGGAGAGGATATGGAAA
 TTTGTTCTTGTCTATATTTGTTTTGAAAATGATGTCTAACAACCATGATAAGAGCAAG
 GCTGTTAAATAATATCTTCCAATTTACAGATCAGACATGAATGGGTGGAGGGGTTAGGTT
 GTTCACAAAAGGCCACATTTCAAGTATTTGTAATCTAGAAAAGTGTATGTAAGTATGTT
 ATTAGCATCGAGATTCCTCCACCTGATTTTCAAGCTGCACTTGTTCCTTTTCTCCCC
 TCTCTGGGTTGACTGCATTTCTAGACTCTCGCCGGCCAGGCCATCTTCAAAGCAAGA
 GGAAGGAATGATAATGGTGACTCAGGGGAAGAAGAAACAGCCCTCTCTGAAAGCCTGGA
 CTGTCCGGCTGTGAAGTGGCTGGCAGGTTCTGCACGTGGGTGGGGCCAGGGCCTGGGCT
 TTAACAATTGCAGAGAAAAAATTTCTCCCTGCATCTCATACCTTTACCTCTGGCCAGT
 TGGCCACCAGGGGAGTGGGCTGAAGGGAGAGTAGATGGTGCAAAGCAAGCCCATCTCTA
 AGTAGAAAAATCACCCAGAGCAGATGCTGACCTGATAACTGGGGTGTGAGACCAGCTTT
 GTCCATGGTATGATGTTTGTATTTATGAAGACGCATTGTTAGAAATCCATTTGGCTTCTTC
 ATAGAAGTGGCTCCCAGAGGAAGAGGCCTCTCAGAAAACCATGTTCTATTTAAGTCTGA
 GTCCTGATGAGTGTCCCAGGATGCACATTGAAGGGAGGGCTCAGGCAGCTGAGGGCTG
 AGAATGAGGCAGTTGGAATCTAGACACTATGCTGGGTTCCCTGAGTCGTCAGGCCAGACA
 TTTCAACAAGGCTGTGGGAGCAGGGCTGTGACTCTGGCTGAGCCAGGAAAGCGACAAG
 GGTGAAGTGGGAGGAGACTTACTCAGAGACCCCAACAGGTGATACTGCACAAAGCCTGGT
 TCTTCAATTTTCTACCTGTATCTAACATAGGAGTTTCATATAAAACGGTGATATCATG
 CAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016382

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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>