

Product datasheet for **RG206988**

CD244 (NM_016382) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD244 (NM_016382) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CD244
Synonyms:	2B4; NAIL; NKR2B4; Nmrk; SLAMF4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206988 representing NM_016382 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGGGCAAGTGGTCACCCTCATACTCCTCCTGCTCCTCAAGGTGTATCAGGGCAAAGGATGCCAGG
GATCAGCTGACCATGTGGTTAGCATCTCGGAGTGCCCTTTCAGTTACAACCAAACAGCATAACAGACGAA
GGTTGACAGCATTGCATGGAAGAAGTTGCTGCCCTCACAAAATGGATTTTCATCACATATTGAAGTGGGAG
AATGGCTCTTTGCCTTCCAATACTTCCAATGATAGATTCAGTTTTATAGTCAAGAACTTGAGTCTTCTCA
TCAAGGCAGCTCAGCAGCAGGACAGTGGCCTCTACTGCCTGGAGGTCACCAGTATATCTGGAAAAGTTCA
GACAGCCACGTTCCAGGTTTTGTATTTGATAAAGTTGAGAAACCCCGCCTACAGGGGCAGGGGAAGATC
CTGGACAGAGGGAGATGCCAAGTGGCTCTGCTTGTGCTTGGTCTCCAGGGATGGCAATGTGTCTATGCTT
GGTACAGAGGGAGCAAGCTGATCCAGACAGCAGGGAACCTCACCTACCTGGACGAGGAGGTTGACATTAA
TGGCACTCACACATATACCTGCAATGTCAGCAATCCTGTTAGCTGGGAAAGCCACACCCTGAATCTCACT
CAGGACTGTCAGAATGCCATCAGGAATTCAGATTTTGGCCGTTTTTGGTGATCATCGTGATTCTAAGCG
CACTGTTCTTGGCACCCCTTGCCTGCTTCTGTGTGTGGAGGAGAAAGAGGAAGGAGAAGCAGTCAGAGAC
CAGTCCAAGGAATTTTTGACAATTTACGAAGATGTCAAGGATCTGAAAACCAGGAGAAAATCACGAGCAG
GAGCAGACTTTTCTGGAGGGGGGAGCACCATCTACTCTATGATCCAGTCCCAGTCTTCTGCTCCCACGT
CACAAGAACCTGCATATACATTATTTCAATTAATTCAGCCTTCCAGGAAGTCTGGATCCAGGAAGAGGAA
CCACAGCCCTTCTTCAATAGCACTATCTATGAAGTGATTGAAAAGAGTCAACCTAAAGCCAGAACCCCT
GCTCGATTGAGCCGCAAAGAGCTGGAGAACTTTGATGTTTATTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Reconstitution Method:

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_016382.4](#)

RefSeq Size: 2481 bp

RefSeq ORF: 1098 bp

Locus ID: 51744

UniProt ID: [Q9BZW8](#)

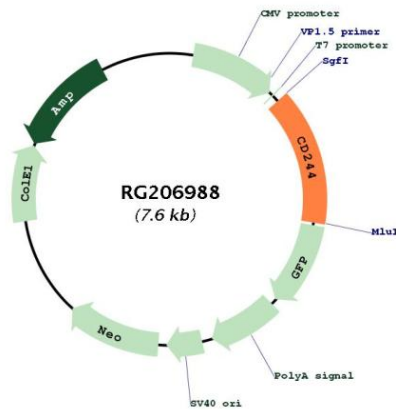
Cytogenetics: 1q23.3

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Natural killer cell mediated cytotoxicity

Gene Summary: 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]

Product images:



Circular map for RG206988