

Product datasheet for **RN203512**

Cd244 (NM_022259) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd244 (NM_022259) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cd244
Synonyms:	2B4; Nmrk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203512 representing NM_022259 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGCAGCAAAGTCTCTGTTGTCACCTCTTCTGCTCCTCAGAGCTCATCAGGGCCAAGATTGTGCAG
ATTCTTCTGAAGAAGTGCTTGGTGTCTCAGGAAAGCCTGTCCGGTCTCGGCTTCCAACATAACAAGCAA
ACATGTTTCTATTGAATGGAAGAAGAAGACAGGACATCAACAGACTCCCCAGATCGTGACTTGGGATACT
ACGGATAACAAAACTTTAATATGTGTTGTAGTGATATCTATGGTTTTGAGTCTGAGAATTTGCTCTTA
GTATCAAGTCAGCTAAGCTAAATGACAGTGGTCACTACCTGCTGGAGATCACCAACCAAAGGAATAGT
GTGCACTAAAACTTCCAGATGCTTATATTTGATCCTGTTGAGACACCTCACCTGACTGTCCAGGGGACG
CTCTGGGCTAACGGGACTTGTCACTGTCTTTGTCCTGCTTTGTGCCAAGGATGACAAATGTAAGCTATG
CTTTGTACAGAGGGAGCATGCTGATCTCGAATCAAAGGTATGGCACCCACTGGGAGAACCGGACTGATGC
CAGCAGCCTGCACACATATACCTGCAATGTTAGCAACAAGGCCAGCTGGGCAAACACACCTGACCTCC
CCGCAGAGCTGCAGAGTGTCCCTTCGAAATCAATTATCTGCCCTTTATGGTATCCATCGGTATCCTCG
TCAAATTTTTTCATGGGCCATCGATTGCTTCTGTGTGGAATAGGAAGAGAAAGCAGTCACAGTCCAT
CGCTAAGGAATCTTTGACCATACATGAATACGTCAAGAACGCACAAGTCAGCAGGGACCAACGAGGACAT
TTTAGGGCTCTGGATCTTCTCAGATGTTCCGGGAGATGAGAGGGGACAAAGAGAATCGGACAGACGTC
TTTTCCAGTTCATCAACAGGTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_022259
Insert Size:	936 bp



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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).
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_022259.1 , NP_071595.1
RefSeq Size:	1352 bp
RefSeq ORF:	936 bp
Locus ID:	64025
UniProt ID:	Q9JLM2
Cytogenetics:	13q24
Gene Summary:	cell surface glycoprotein involved in the regulation of natural killer and T lymphocyte function [RGD, Feb 2006]