

Product datasheet for RN213738

Oprd1 (NM_012617) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oprd1 (NM_012617) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Oprd1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213738 representing NM_012617 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCGGTGCCTTCTGCCCGTGCAGGCTGCAATTTTCGCTCCTCGCCAACGCTCTCGGACACCTTCC
CTAGCGCCTTCCCAGTGCAGCGCCAATGCGTCGGGGTTCGCGGGCGCCCGCAGTGCCTCGTCCCTGGC
TCTGGCCATCGCCATCACCGCGCTCTACTCGGCTGTGTGCGCCGTGGGGTGTGGGCAACGTGCTCGTC
ATGTTTGAATCGTCCGGTACACTAAGCTGAAGACGGCCACCAACATCTACATCTCAATCTGGCCTTGG
CGGATCGCTGGCCACCAGCACACTGCCCTTCCAGAGCGCCAAGTACCTGATGAAACGTGGCCGTTCCG
AGAGCTGCTGTGCAAGGCTGTGCTCTCCATTGACTACTACAACATGTTTACCAGCATCTTACGCTCACC
ATGATGAGCGTGGACCGCTACATTGCGGTCTGCCACCCTGTCAAGGCCTTGGACTTCCGGACACCGGCCA
AGGCCAAGCTGATCAACATATGCATCTGGGTCTTGGCTTCAGGTGTTGGGGTCCCCATCATGGTCATGGC
AGTGACCAACCCCGGGATGGAGCAGTGGTATGCACGCTCCAGTTCAGCCAGCCAGCTGGTACTGGGAC
ACTGTGACCAAGATCTGCGTGTTCCTCTTCGCCTTCGTGGTGGCCATTCTCATCATCACCGTGTGCTATG
GCCTCATGCTGCTGCGCTGCGCAGCGTGCCTGCTGTCCGGCTCAAGGAGAAGGACCGCAGCCTGCG
GCGCATCACGCGCATGGTGTGGTGGTGGGAGCCTTCGTGGTGTGCTGGGCGCCATCCACATCTTC
GTCATCGTCTGGACGCTGGTGGACATCAATCGGCGGACCCACTTGTGGTGGCCGCGCTGCACTTGTGCA
TTGCGCTGGGCTACGCCAACAGCAGCCTCAACCCGGTTCCTACGCTTCTGGAGGAGAACTTCAAGCG
CTGCTTCCGCCAGCTCTGTGCGCGCCCTGCGGCGCCAAAGAACCAGCCAGCCTCCGCCGTCGCCGCCAG
GCCACCGCGCTGAGCGTGTACCCGCTGCACCCCTCCGACGGCCCGGGCGGTGGCGCTGCCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3716_b06.zip

Restriction Sites: Sgfl-Mlul



[View online »](#)

ACCN:	NM_012617
Insert Size:	1119 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).
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_012617.1 , NP_036749.1
RefSeq Size:	1418 bp
RefSeq ORF:	1119 bp
Locus ID:	24613
UniProt ID:	P33533
Cytogenetics:	5q36
Gene Summary:	receptor for ligand D-Pen2, D-Pen5-enkephalin [RGD, Feb 2006]