

Product datasheet for **RN205774**

Dlx5 (NM_012943) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dlx5 (NM_012943) Rat Untagged Clone
Tag: Tag Free
Symbol: Dlx5
Synonyms: RDLX
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205774 representing NM_012943
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACAGGAGTGTGGACAGAAGAGTCCCAAGCATCCGATCCGGCGACTCCAAGCTCCGTTCCCGACGT
CCGCCGCCATGCACCACCGTCTCAGGAATCGCCAACCTTGGCCGAGTCCCTCGCCACCGATTCTGACTA
CTACAGTCCCGGGGGCCGCCCTCATGGCTACTGCTCTCTACCTCTGCTTCTTACCGCAAAGCGCTC
AACCCATACCAAGTACCAGTATCACAGCGTGAACGGCTCCGACGCCGGCTACCCGGCAAGGCTTATGCGG
ACTACGGTACGCCAGCCCTACCACCAGTACGGAGGCGCCTACAACCGAGTCCCGAGTGCCACCAGCCA
GCCAGAGAAAGAAGTGGCCGAGCCAGAGGTGAGGATGGTGAATGGTAAACCAAAGAAAGTTTCGTAACCC
AGGACTATTTATCCAGCTTTCAGCTGGCCGCTTACAGAGAAGGTTTCAGAAGACTCAGTACCTCGCCC
TGCCAGAACCGCGGAGTTGGCCGCTCTTAGGACTGACGCAAACACAGGTGAAATCTGGTTTCAGAA
CAAAAGATCCAAGATCAAGAAGATCATGAAAAACGGGGAGATGCCCCGGAGCACAGTCCAGCTCCAGC
GACCCTATGGCGTGAACCTGCCACAGTACCAGCGGTGTGGAGCCCCAGGGCTCATCCGCTCTCTCA
GCCACCACCTCATGCCACCCTACGACCTCAACCAAGTCCCGCGTCCAGCTACCTGGAGAATCGGC
TTCCTGGTACCCAAGTGCAGCCAGCTCAATCAATTCACCTGCCACCGCTGGCTCCCTGCAGCACCCG
CTGGCACTGGCCCTCCGGACGCTTTAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012943
Insert Size: 870 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_012943.1 , NP_037075.1
RefSeq Size:	1390 bp
RefSeq ORF:	870 bp
Locus ID:	25431
UniProt ID:	P50575
Cytogenetics:	4q21
Gene Summary:	homeobox protein that is required for BMP-2-mediated osteoblast differentiation [RGD, Feb 2006]