

Product datasheet for **RR216383**

Dlx2 (NM_001191746) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dlx2 (NM_001191746) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dlx2
Synonyms: Dlx5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216383 representing NM_001191746
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACTGGAGTCTTTGACAGTCTGGTGGCTGATATGCACTCGACCCAGATCACAGCCTCCAGCACGTACC
 ACCAGCACCAGCAGCCCCGAGCGGTGCGGGCGGGGCTCTGGCGGCAGCAGCAACAGCAGCAGCAGCAA
 CAGCAACCTGCACAAGCCCCAGGAGTCGCCAACCTGCCGGTGTCCACGGCTACCGACAGCAGCTACTAC
 ACCAACCCAGCAGCACCCGCGGGTGGCGGCGCGGGGGGCCCTCGCCCTACGCGCACATGGGCTCCTACC
 AGTACCACGCGCAGCGGCCTCAACAACGTCTCCTACTCCGCCAAAAGCAGTACGACCTGGGCTACACCGC
 CGCGTACACTTCTACGCGCCCTACGGAACCAGTTCGTCGCCAGTCAACAACGAGCCGACAAGGAAGAC
 CTTGAGCCTGAAATCCGAATTGTGAACGGGAAGCCAAAGAAAGTCCGAAACCACGCACCATCTACTCCA
 GTTTCCAGCTGGCCGCCCTTCAGCGACGCTTCCAGAAGACCCAGTATCTGGCCCTGCCTGAGCGAGCCGA
 GCTGGCGGCCTCCCTGGGCTTACCCAAACTCAGGTCAAATCTGGTCCAGAACCGCCGATCCAAGTTC
 AAGAAGATGTGAAGAGTGGCGAGATCCCACAGAGCAGCACCCCTGGAGCCAGCGCTTCCCACCATGTG
 CCTCCCCGCCGGTTTCGGCGCCAGCATCTGGGACTTCGGCGCGCAACAGCGGATGGCGGGCGGCCGCC
 AGGCAGCGGAGGCAGCGGCGGGCAGCTCCGGCTCCAGCCGAGCAGCGCCGCCTCGGCTTTTCTGGGA
 AACTACCCGTGGTACCACCAGGCTTCGGGCTCCGCTTACACCTGCAGGCCACTGCGCCACTTCTGCATC
 CCTCGCAGACTCCGAGGCGCACCCACCACCACCACCATCACCACCACGCAGGCGGGGGCGCCCCGGTGAG
 CGCCGGGACGATTTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216383 representing NM_001191746
Red=Cloning site Green=Tags(s)

MTGVFDSLVDLMHSTQITASSTYHQHQPPSGAGAGSGGSSNSSSSNSNLHKPQESPTLPVSTATDSSYY
 TNQHPAGGGGGASPYAHMGSYQYHASGLNNVSYSAKSSYDLGYTAAYTSYAPYGTSSSPVNNPEPKED
 LEPEIRIVNGKPKKVRKPRTIYSSFQLAALQRRFQKTQYLALPERAELAASLGLTQTQVKIWFQNRRSKF
 KKMWKSGEIPTEQHPGASASPPCASPPVSAPASWDFGAQQRMAGGGPGSGGSGAGSSGSSPSAASAFGL
 NYPWYHQASGSASHLQATAPLLHPSQTPQAHHHHHHHHHHAGGGAPVSAGTIF

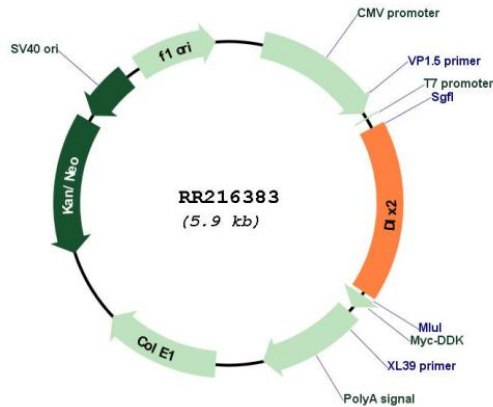
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001191746

ORF Size: 996 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001191746.1 , NP_001178675.1
RefSeq Size:	999 bp
RefSeq ORF:	999 bp
Locus ID:	296499
Cytogenetics:	3q23
MW:	34.8 kDa