

Product datasheet for **RR215699**

Dlx3 (NM_001105832) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dlx3 (NM_001105832) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dlx3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR215699 representing NM_001105832 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGGCTCCTTCGATCGCAAGCTCAGCAGCATCCTCACCGACATCTCCAGCTCGCTTAGCTGCCATG
CGGGCTCCAAGGACTCGCCACCTGCCGAGTCTTCGGTCACTGACCTGGGCTATTACAGCGCTCCCA
ACATGACTACTACTCGGGCCAGCCCTACGGCCAGACGGTGAACCCCTATACCTACCACCACCAAGTTCAAT
CTCAATGGGCTCGCAGGCACCGCGCTTACTCGCCCAAGTCGGAATATACCTACGGGGGATCCTACCGAC
AGTATGGAGCGTACCGGGAGCAGCCTTTGCCTGCCAGGACCCAGTGTCTGGTGAAGAGGAGCCGGAAGC
CGAGGTACGCATGGTGAACGGCAAGCCCAAGAAGGTCCGAAAGCCGCGAACGATCTACTCCAGCTATCAG
CTGGCTGCCCTGCAGCGCGTTTCCAGAAAGCCAGTATCTGGCCTTGCCTGAGCGCGCCGAGCTAGCTG
CACAGCTGGGCTCACACAAACACAGGTGAAAATCTGGTTCCAGAACCGTCGCTCCAAGTTCAAAAAGCT
CTACAAGAATGGGGAGGTGCCACTGGAACACAGTCCCAACAACAGCGATTCCATGGCCTGCAACTCACCA
CCATACCGGCACTCTGGGACACATCTCCCATTCCTCCAGCCCTACCCGAAATCCGCTGCCCCAC
CGCTCCCATACAGTGCCTCCCCAACTACCTGGACGACCCACCAACTCTTGGTACCACACAGAACCT
CAGTGGACCCCACTTACAGCAGCAGCCACCTCAGCCGGCCACCCTGCACCATGCCTCCCTGGGCCCCG
CCTAACCTGGGCTGTGTAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215699 representing NM_001105832

Red=Cloning site Green=Tags(s)

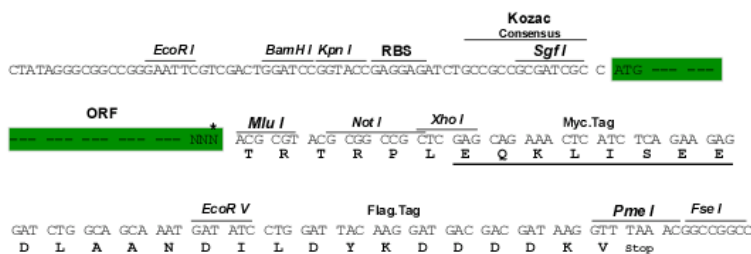
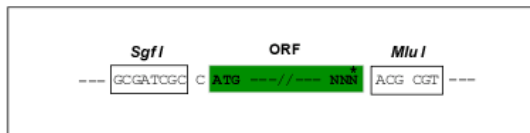
MSGSFDRKLLSSILTDISSLSCHAGSKDSPTLPESSVTDLGYYSAPQHDDYSSGPYQGTIVNPYTYHHQFN
LNGLAGTGAYSPKSEITYGGSYRQYGAYREQPLPAQDPVSVKEEPEAEVRMVNGKPKKVRKPRTIYSSYQ
LAALQRRFQKAQYLALPERAELAAQLGLTQTQVKIWFQNRRSKFKKLYKNGEVPLEHSPNNSDSMACNSP
PSPALWDTSSHSTPAPTRNLPPLPYASPNYLDPTNSWYHTQNLSPGHLQQQPQPPATLHHASGPP
PNPAGVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM 001105832

ORF Size: 861 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:

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_001105832.1, NP_001099302.1

RefSeq Size: 2643 bp

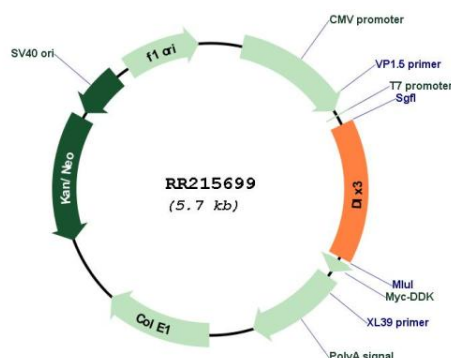
RefSeq ORF: 864 bp

Locus ID: 287638

Cytogenetics: 10q26

MW: 31.8 kDa

Product images:



Circular map for RR215699