

Product datasheet for **RR208140**

Dcxr (NM_134387) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dcxr (NM_134387) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dcxr
Synonyms: glb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208140 representing NM_134387
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGACCTGGGGCTTGCAGGTCGGCGGGCGCTGGTCACCGCGCGGGCAAAGGCATCGGGCGCAGCACTG
TGCTGGCTTTCAGGCGGCTGGTGCACAGGTTGTGGCGGTGAGTCGGACGCGAGAGGACCTGGACAGCCT
GGTCCGGGAGTGTCTGGTGTGGAGCCTGTGTGTGGACCTGGCCGACTGGGAGGCCACAGAACAGGCC
CTAAGCAATGTGGGACCGGTGGACCTTCTGGTGAACAATGCTGCTGTGGCTACGTTGCAGCCCTTCTGG
AGGTCACCAAGGAGGCTGTGACACGCTTCAACGTGAATTTTCGGGCTGTCGTCCAGGTGTCGCAGAT
TGTGGCNAGGGGCATGATAGCTCGGGGAGTCCAGGGGCCATTGTGAATGTCTCCAGCCAGGCCCTCCAG
CGTGCAGTACCAACCATACCGTCTACTGTTCCACCAAGGGTGTCTTAGACATGTTGACCAAGGTGATGG
CCCTAGAGCTTGGGCCCCACAAGATCCGTGTGAATGCAGTAAACCCACAGTAGTGATGACACCCATGGG
CCGGGCCAACTGGAGTGACCCGCACAAAGCTAAGGTCACTGGATCGTATCCCACTTGGCAAGTTTGCT
GAGGTGGAGAACGTGGTAGACACCATCCTCTTCTGCTGAGCAACCGAAGTAGCATGACTACTGGTCCG
CTTGGCAGTGGATGGGGCTTCTGGCTACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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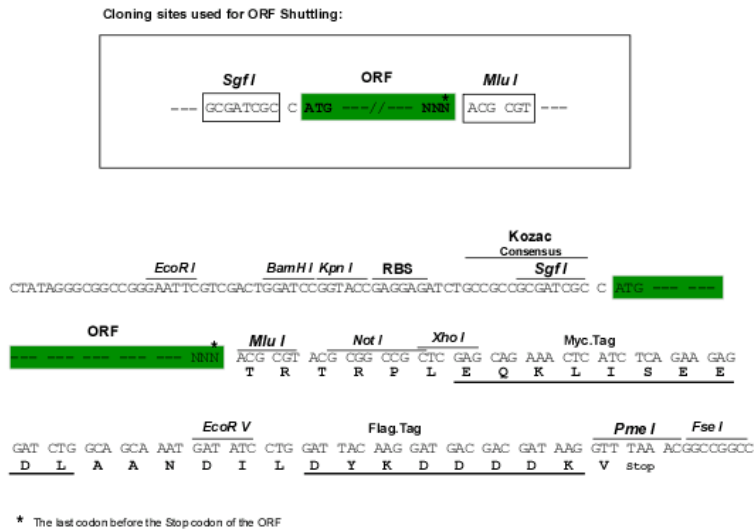
Protein Sequence: >RR208140 representing NM_134387
Red=Cloning site Green=Tags(s)

MDLGLAGRRALVTGAGKIGRSTVLALQAAGAQQVAVSRTREDLDSL VRECPGVEPVCVDLADWEATEQA
 LSNVGPVDLLVNNAAVATLQPFLEVTKEACDTSFNVNFRVVQVSQIVXRGMARGVPGAIVNVSSQASQ
 RALTNHTVYCSTKGALDMLTKVMALELGPHKIRVNAVNPVVMTMPGRANWSDPHKAKVMLDRIPLGKFA
 EVENVVDITILFLLSNRSSMTTGSALPVDGGFLAT

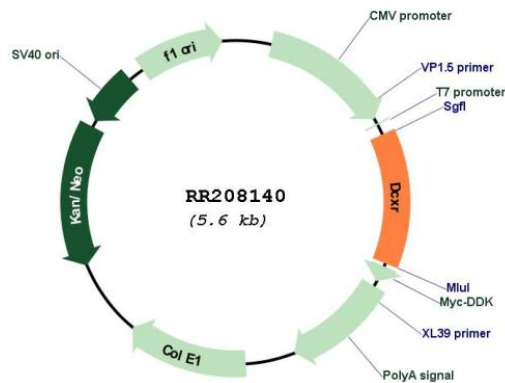
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_134387
ORF Size: 732 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_134387.1 , NP_599214.1
RefSeq Size:	879 bp
RefSeq ORF:	735 bp
Locus ID:	171408
UniProt ID:	Q920P0
Cytogenetics:	10q32.3
MW:	25.8 kDa
Gene Summary:	component of the uronate cycle of glucose metabolism; may be involved in general carbohydrate metabolism [RGD, Feb 2006]