

Product datasheet for **RR215879**

Cisd2 (NM_001191608) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cisd2 (NM_001191608) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cisd2
Synonyms:	RGD1566242
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR215879 representing NM_001191608 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTCCTGGACAGCGTGGCCCGCATCGTGAAGGTGCAGCTGCCCGCCTACCTCAAGCAGCTCCCGCTCC
 CCGACAGCATTACCGGTTCCGCCGCCTCACAGTTGCAGAATGGCTCCGCTTACTGCCCTTCCTTGGTGT
 ACTTGCACTCCTCGGCTACCTTGCAGTTCGTCCATTCTCCGAAGAAGAAGCAACAGAAGGATAGCTTG
 ATTAACCTTAAGATACAGAAAGAAAATCCCAAAGTGGTGAACGAAATAAACATTGAAGACCTGAATCTTA
 CGAAAGCAGCTTATTGTAGGTGTTGGCGCTCCAAGACGTTCCCTGCCTGTGACGGGTCCACAATAAGCA
 CAATGAGTTGACAGGCGATAACGTGGGTCTCTCATCCTGAGGAAGAAAGAAGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RR215879 representing NM_001191608 Red=Cloning site Green=Tags(s)
	MVLDSEVARIVKVQLPAYLKQLPLPDSITGFARLTVAEWLRLLPFLGVLALLGYLAVRPFFPKKKQKQDSL INLKIQKENPKVNEINIEDLNLTKAAYCRCWRSKTFACDGSNKHNLTDGDNVGPLILRKKEV TR TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI


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Cloning Scheme:



ACCN: NM 001191608

ORF Size: 405 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_001191608.1](#), [NP_001178537.1](#)

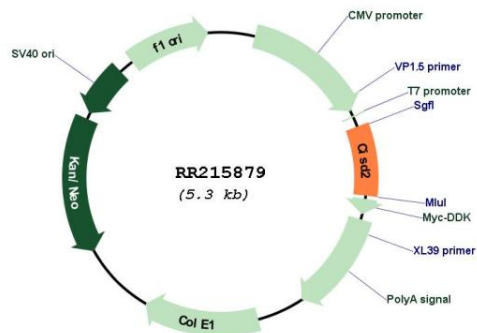
RefSeq Size: 2879 bp

RefSeq ORF: 408 bp

Locus ID: 295457

Cytogenetics: 2q43
MW: 15.3 kDa

Product images:



Circular map for RR215879