

Product datasheet for **RR201880**

Cisd3 (NM_001105835) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cisd3 (NM_001105835) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cisd3
Synonyms: Mel13; RGD1559720
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR201880 representing NM_001105835
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGGCTTCGGTGTCTTCCCTTCTCCACTGATCGTATCTTTCTGTTTCCAAATCACATCTGCCTGTCTG
CCTTGACGAAGCTGTGTGAGGGCGGAAATCTCCTCTTGTTGGCCGATGGTTCCTCCAAAGATCCAGC
CAAGCCAGTGGTGGCACAGAAAACCCATCAGTTGGAGCTGGTGGCGGAAAACCTACAGGTGGTGT
GTATGTGGCCGAAGTAAGAATCAGTCTTCCCTGTGCCGGAGCCTCTCCCTTCTCTGGAGAACTCTAC
CCCATTTCCTCGTGTGTGGTGGGATGAGAAACCCAGCTCTGAAGGCTTACTTTGTGGCCTTTGGAC
AGCCCTTCTGCGATGGCTCCCACTTCTCCAGCGCACTGGCCTTTCCTCAAGTTCAAGGCCGAAGA
GACACGCACAGTGGCCCTCTGTACCTGCAAGGCCACTCGCGGCCCTTACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR201880 representing NM_001105835
Red=Cloning site Green=Tags(s)

MGFRCLPFSTDRIFLFPNHICLSALTKLCQRREISSWLARWFPKDPKPVVAQKTPIRLELVAGKTYRWC
 VCGRSKNQSSLCRSLSLSFWRTPHPVLCGWDEKPSSEGLLCGLWTALLRWLPLLPAHWPFPTQVQGRR
 DTHSGPLYLQGHSAAPLL

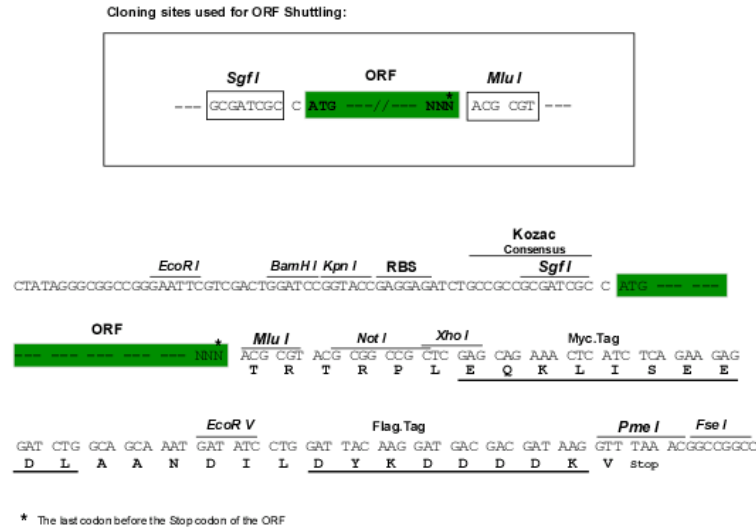
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_001105835

ORF Size: 474 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_001105835.1](#), [NP_001099305.1](#)

RefSeq Size: 896 bp

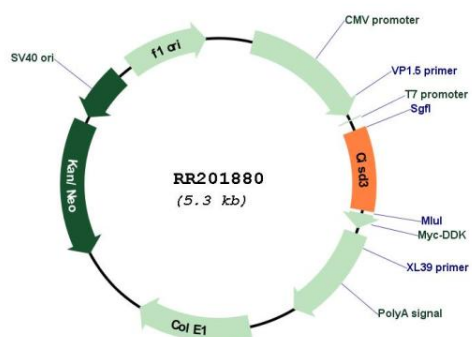
RefSeq ORF: 477 bp

Locus ID: 287661

Cytogenetics: 10q31

MW: 18.1 kDa

Product images:



Circular map for RR201880