

Product datasheet for **RR210774**

Crispld1 (NM_001134963) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crispld1 (NM_001134963) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Crispld1
Synonyms:	RGD1564813
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR210774 representing NM_001134963
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGTGTAAGGCACAGGAGTGGCTCAGAATGACCGCACTGCTATTCGTTGGCTAGAGCAGTTCAGCTA
 TGGTGGTTCCTAATGCCACTTTGTTGGAGAACTTTGGAAAAGTACATGGATGAGGATGATGAATGGTG
 GACAGCTAAACAAAGAGGAAAAGGCCATCACAGATAATGACATGCAGAGCATCTTGGATCTCCATAAT
 AAAGTGAAGTCAAGGTGTACCCAGCCGCTTCTAATATGGAGTATATGACATGGGATGTGGAAGTGGAAA
 GATCTGCAGAATCCTGGGCTGAAACGTGTTTGTGGGAGCATGGACCCACAAGCTTGCTGCCCTCCATTGG
 ACAGAATTTGGGAGCGCACTGGGAAGATACAGACCCCAACCTTTCATGTACAAGCATGGTATGATGAA
 GTGAGAGACTTTAGCTACCCATATGAACATGAGTGGCACCCTTACTGTCCTTTCAGATGCTCTGGCCCTG
 TTTGTACACACTACACTCAGGTGGTGTGGGCTACAAGTAGCAGAATAGGCTGTGCCATCAATCTGTGCCA
 CAACATGAACATCTGGGGCAGATATGGCCCAAGGCTGTCTACTTGGTGTGCAATTACTCTCCAAGGGA
 AATTGGTGGGGTCAATGCCCTTACAACATGAAAACCTTGTCTGCTTGCCCGCCAGTTTTGGAGGAG
 GCTGTAGAGAAAACCTTGTGTACAAAGAAGGGTCGGACCAGTATTATACCCCTCAAGAAGAAGAAAACAA
 TGAAAATTGAACGGCAGGAGTCCCAGGTCCATGACACTCATGTTCCGACAAGATCAGATGATAGTAATAGA
 AATGACGTCATCAGCACTCAGCAGATGTCTCAGATTGTTTCTTGTGAAGTAAAGTTGCGAGACCAGTGTA
 AAGGGACCACCTGCAACAGATATGAGTGGCCTGCTGGTGGTGGTGGACAGTAAAGTAAAGTCATTGGGAG
 TGTACATTATGAAATGCAATCCAGTATCTGCAGAGCTGCCATTTCATTATGGGATAATTGACAATGAAGGC
 GGGTGGGTAGATGTCACCTGACAAGGGAGAAAGCATTACTTCATCAAATCCAACAGAAATGGCATTCAA
 CAATTGGCAAATATCGTCTGCTAATTCCTTCATAGTCTCAAAGTAAACAGTTCAAGCTGTGACATGTGA
 AACACAGTGGAAACAGCTCTGTCCATTTACATAAACCTGCTTACATTGCCCCAGAGTATACTGTCTCGC
 AACTGTATGCAGGCAAATCCACATTATGCTCGTGAATTGGATCTAGAATTTATTCTGATCTGTCTAGTA
 TCTGCAGAGCCGAGTACATGCTGGGGTATTGAAAATCATGGTGGTTATGTGGATGTCATGCCTGTGGA
 TAAAAGAAGGATGTACACTGCTTCTTTTTCAGAATGGAATCTTCTCAGAAAAGTTTACAGAACCCTACAGGA
 GAAAGGCATTCCGGGTATTCGCTGTTGTT

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR210774 representing NM_001134963
 Red=Cloning site Green=Tags(s)

MMCKAQEWL RMTALLFVARAVPAMVVPNATLLEKLLKYMDEDEWWTAKQRGKRAITDNDMQSILDLHN
 KLRSQVYPAASNMEYMTWDVELERSAESAETCLWEHGPTSLPSIGQNLGAHWGRYRPPTFHVQAWYDE
 VRDFSYPYEHECDPYCFRCSGPVCTHYTQVWATSSRIGCAINLCHNMNIWGQIWPKAVYLVLCNYSKPG
 NWWGHAPYKHGKPCSACPPSFGGGCRENLCKEYSDQYYPQEEETNEIERQESQVHDTHVRTRSDSNR
 NDVISTQQMSQIVSCEVRLRDQCKGTTTCNRYECPAGCLDSKAKVIGSVHYEMQSSICRAAIHYGIIDNEG
 GWVDVTRQGRKHIFIKSNRNGIQTIGKYRSANSFIVSKVTVQAVTCETTVEQLCPFHKPASHCPRVYCP
 NCMQANPHYARVIGSRIYSDLSSICRAAVHAGVIRNHGGYVDVMPVDKRRMYTASFQNGIFSESLQNP
 TGKAFRVFAVV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001134963

ORF Size: 1500 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_001134963.1](#), [NP_001128435.1](#)

RefSeq Size: 4433 bp

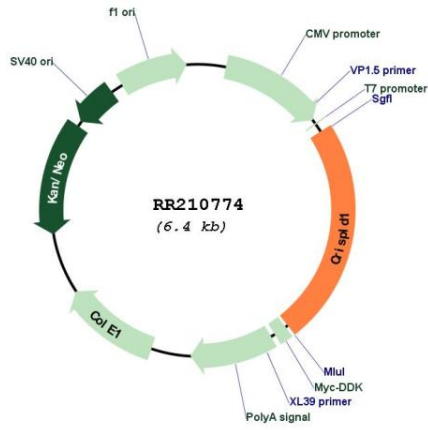
RefSeq ORF: 1503 bp

Locus ID: 316482

Cytogenetics: 5q11

MW: 57 kDa

Product images:



Circular map for RR210774