

Product datasheet for **RR207927**

Crispld2 (NM_138518) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crispld2 (NM_138518) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Crispld2
Synonyms:	Lcrisp2; Lgl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR207927 representing NM_138518
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTGTCTTCTGAACAATATGGTCCCGGTGGGGCTGGCTCTGCTGGTCTGCGGAGTACAGGCCTTTT
 TCCTTCCAACACCATGAGCCTGGAGAGGCTGCTCAGCAAGTACCAGCACACAGAGCCACTCACGCGT
 GCGCAGGGCCATCCCATGTGACACCGTCAGGAAATCCTCATGCTGCACAACAAGCTGCGAGGTCAGGTG
 TATCCCTGCTCCAACATGGAGTACATGACCTGGGATGAGGAGCTGGAGAGGTCGGCAGCCGCGTGGG
 CACAGAGGTGCCTGTGGGAGCATGGGCCGCCAGCCTTCTCGTGTCCATCGGGCAGAACCTGGCTGTGCA
 CTGGGGCAGGTACCGCTCTCTGGGTTCCAGTGCAGTCGTGGTATGACGAGGTGAAGGATTACACCTAC
 CCGTACCCACGAGTGAACCCATGGTCCCCGAGCGCTGCTCAGGAGCCATGTGCACCCACTACACAC
 AGATGGTTTGGGCCACCACCAACAAGATTGGCTGTGCTGTGCACACCTGTGGAGCATGAGCGTCTGGGG
 AGACATCTGGGAGAACCGGTGTATCTCGTCTGCAATTATTCTCAAAGGGAAACTGGATTGGTGAGGCT
 CCTACAAACATGGCCGCCCTGCTCTGAGTGTCCGTCCAGCTATGGAGGTGGCTGTCCGAAACACTGT
 GTTACCAGAAGAGCACTACCATCAGAAACCAGAGGTGGATGAGATGAACGAGGTGGAATCGCCCCCTGC
 TCCCGAGGAAACCCATGTCTGGGTTCAACCCAGGGTGGTCAAACCTCAAAGACCAAGAAGACCCAGTC
 GTCAACTTCATGACCAAGTGGTCCACTGTGACACAAAGTGAAGGACTCATGAAGGGATCCACATGTA
 ACAGGTACCAGTGCCAGCAGGCTGTGAAACAACAAGGCGAAGGTCTTTGGCTCTCTGTTTTATGAAAG
 TTCTCCAGTATATGTCGAGCTGCTATCCACTATGGTGTATCGATGATCGAGGTGGCCCTGGTGGATGTC
 ACCAGGAATGGGATGGTACCCTCTTTGTCAAATCTCAGAAAAATGGCTTGGAGTCCCTGAGTAAATACA
 AGCCGCTAGCTCCTTCACTGTGTCAAAGTGAAGAGACGGCTGTGGACTGCCACACCACAGTTGCACA
 GCTATGCCCTTCGAGAAGCCAGCCACCCACTGCCCGAGAGTCCGGTGTCTTACGATGTGGAGAGGAG
 CCATCCTATTGGGCCCTGTGTATGGAACCAACATCTACGCTGACACTTCCAGCATCTGTAAAGCGGCTG
 TGCATGCAGCGTCATTGTGACGAGGTTGGTGGCTATGCAGATGTGATGCCCGTGGACAAAAAGAAGAG
 CTACGTGGGCTCCCTCAGGAACGGGTTTCAGTCAGAGAGCCCGAGCACTCCTCAGAACGGAAACGCCTTC
 CGGATCTTCCCCGTCAGGCAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207927 representing NM_138518
 Red=Cloning site Green=Tags(s)

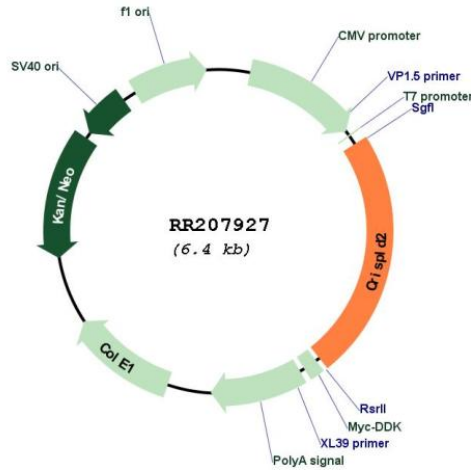
MSCLLNMPVGLALLVCGVQAFPLPNTMSLERLLSKYQHTEPHSRVRRRAIPMSDRQEILMLHNKLRGQV
 YPPASNMEYMTWDEELERSAAAWAQRCLWEHGASLLVSIQNLAVHWGRYRSPGFHVQSWYDEVKDYTY
 PYPHECNPWPCPERCSGAMCTHYTQMVAWTTNKIGCAVHTCRMSVWGDWENAVYLVNYSKGNWIGEA
 PYKHGRPCSECPSSYGGGCRNNLCYREEHYHQPEVDEMNEVESPPAPEETHVWVQPRVVKPSKTKKTPV
 VNFMTQVVHCDTKMKDSCKGSTCNRYQCPAGCLNNKAKVFGSLFYESSSSICRAAIHYGVIDDRGGLVDV
 TRNGMVPFFVKSQKNGLESLSKYKPSSTFTVSKVKETAVDCHTTVAQLCPFEPATHCPRVRCPSRCGEE
 PSYWAPVYGTNIYADTSSICKAAVHAGVIVDEVGGYADVMPVDKKSIVYVGLRNGVQSESPSTPQNGNAF
 RIFPVRQ

SGP**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-RsrII

Plasmid Map:



ACCN: NM_138518

ORF Size: 1491 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_138518.2](#), [NP_612527.2](#)

RefSeq Size: 4058 bp

RefSeq ORF: 1494 bp

Locus ID: 171547

Cytogenetics: 19q12

MW: 55.8 kDa

Gene Summary: may regulate lung development during late gestation; expression is induced by glucocorticoids [RGD, Feb 2006]