

Product datasheet for **MR208146**

Crispld1 (NM_031402) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Crispld1 (NM_031402) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Crispld1 |
| Synonyms: | Cocoacrisp; Lcrisp1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR208146 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGTGTAAGGCACAGGAGTGGCTCAGAGTGACCGCACTGCTATTTGTGGCTAGAGCAGTTCAGCTA
 TGGTGGTTCTAATGCCACTTGTCTGGAGAACTTTGGAAAAATACATGGATGAGGATGGTGAATGGTG
 GACAGCTAAGCAAAGAGGAAAAGGCCATCACAGACAATGATATGCAGAGCATCTTGGATCTCCATAAT
 AAAGTGAAGTCAAGGTGTACCAACAGCTTCTAATATGGAGTATATGACATGGGATGTGGAGCTGGAAA
 GATCTGCAGAATCCTGGGCTGAAATGTGTTGTGGGAACATGGCCCCGCGAGCCTGCTGCCCTCCATTGG
 ACAGAATTTGGGGCACACTGGGAAGATACCGACCCCAACCTTTCATGTACAAGCATGGTATGATGAA
 GTGAGAGACTTTAGCTACCCATATGAAAATGAGTGTGACCCTTACTGTCCTTTCAGATGTTCTGGCCCTG
 TTTGTACACACTACACTCAGGTGGTGTGGGCTACTAGTAGCAGAATAGGCTGTGCCGTCAATCTGTGCCA
 CAACATGAACATCTGGGGCAGATATGGCCAAGGCAGTCTACTTGGTGTGCAATTAATCCCAAGGGA
 AACTGGTGGGGCCACGCACCTTACAACATGGAAGGCCTTGTCTGCTTGCCACCCAGTTTGGAGGAG
 GCTGTAGAGAAAATTTGTGCTACAAAGAAGGGTCAGACAGGTATTATACCCCTCGAGAAGAAGAAAACAA
 TGAAAATTGAACGGCAGCAGTCTCAGGTCCATGACACCCATGTTTGAACAAGATCAGATGACAGTGACAGA
 AATGACGTCATCAGCACTCAGCAGATGTCTCAGATTGTTTCTTGTGAAGTAAAGTTGAGAGACCAGTGTA
 AAGGGACCACCTGCAACAGGTATGAGTGCCTGCAGGCTGCTTGGACAGTAAAGTAAAGTAAATGGGAG
 TGTACATTATGAAATGCAATCCAGTATCTGCCGAGCTGCCATCCACTATGGGATAATAGACAATGAAGGT
 GGGTGGGTAGATGTCACCTCGACAAGGGAGAAAGCATTACTTCATCAAATCCAACAGAAATGGCATTCAA
 CAATTGGAAAATATCATTCTGCTAATTCCTTACAGTCTCCAAAGTTACAGTTCAAGTGTGACCTGTGA
 AACTACAGTGAACAGCTCTGTCCATCCATAAGCCTGCTTCTCATTGCCCCAGAGTGTACTGTCCTCGA
 AACTGTATGCAGTCAAATCCACATTATGCTCGTGAATCGGGACCAGAATTTATTCTGATCTGTCTAGTA
 TCTGCAGAGCAGCGGTGCATGCTGGGTGGTTCGAAATCATGGTGGTTATGTGGATGTCATGCCTGTGGA
 TAAAAGAAAGATGTACACTGCTTCTTTTTCAGAATGGAATATTCTCAGAAAGTTTACAGAACCCTACAGGA
 GGAAGGCATTCCGTGTATTGCTGTTGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208146 protein sequence
 Red=Cloning site Green=Tags(s)

MMCKAQEWL RVTALLFVARAVPAMVVPNATLLEKLLKYMDEDEGEWWTAKQRGKRAITDNDMQSILDLHN
 KLRSQVYPTASNMEYMTWDVELERSAESWAEMCLWEHGPASLLPSIGQNLGAHWGRYRPPTFHVQAWYDE
 VRDFSYPYENECDPYCFRCSGPVCTHYTQVWATSSRIGCAVNLCHNMNIWGQIWPKAVYLVLCNYSKPG
 NWWGHAPYKHGRPCSACPPSFGGGCRENLCKEYSDRYTTPREETNEIERQSQVVDHVRTRSDSDR
 NDVISTQMSQIVSCEVRLRDQCKGTTTCNRYECPAGCLDSKAKVIGSVHYEMQSSICRAAIHYGIIDNEG
 GWVDVTRQGRKH YFIKSNRNGIQTIGKYHSANSFTVSKVTVQAVTCE TTVLCPFHK PASHCPVRYCPR
 NCMQSNPHYARVIGTR IYSDLSSICRAAVHAGVVRNHGGYVDVMPVDRKMYTASFQNGIFSESLQNP TG
 GKAFRVFAVV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_031402

ORF Size: 1503 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_031402.2](#), [NP_113579.2](#)

RefSeq Size: 4006 bp

RefSeq ORF: 1503 bp

Locus ID: 83691

UniProt ID: [Q8CGD2](#)

Cytogenetics: 1 A3

