

Product datasheet for **RG203888**

CRISPLD1 (NM_031461) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	CRISPLD1
Synonyms:	CRISP-10; CRISP10; LCRISP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence: >RG203888 representing NM_031461
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAGGTACCGCGGGGAGTGGCTCAGAGTAACCACAGTCTGTTCATGGCTAGAGCAATCCAGCCA
 TGGTGGTTCCCAATGCCACTTTATTGGAGAACTTTGGAAAAATACATGGATGAGGATGGTGAGTGGTG
 GATAGCCAAACAACGAGGGAAGGCCATCACAGACAATGACATGCAGAGTATTTTGGACCTTCATAAT
 AAATTACGAAGTCAGGTGTATCCAACAGCCTCTAATATGGAGTATATGACATGGGATGTAGAGCTGGAAA
 GATCTGCAGAATCCTGGGCTGAAAGTTGCTTGTGGGAACATGGACCTGCAAGCTTGTTCATCAATTGG
 ACAGAAATTTGGGAGCACACTGGGGAAGATATAGGCCCCGACGTTTCATGTACAATCGTGGTATGATGAA
 GTGAAAGACTTTAGCTACCCATATGAACATGAATGCAACCCATATTGTCCATTAGGTGTTCTGGCCCTG
 TATGTACACATTATACACAGGTCGTGTGGCACTAGTAACAGAATCGGTTGTGCCATTAAATTTGTGTCA
 TAACATGAACATCTGGGGCAGATATGGCCAAAGCTGTCTACCTGGTGTGCAATTACTCCCCAAAGGGA
 AACTGGTGGGGCCATGCCCTTACAAACATGGGCGGCCCTGTTCTGCTTGCCCACTAGTTTGGAGGGG
 GCTGTAGAGAAAATCTGTGCTACAAAGAAGGGTCAGACAGGTATTATCCCCCTCGAGAAGAGGAAAACAA
 TGAAATAGAACGACAGCAGTCACAAGTCCATGACACCCATGTCGGGACAAGATCAGATGATAGTAGAGA
 AATGAAGTCATAAGCGCACAGCAATGTCCCAATTGTTCTTGTGAAGTAAGATTAGAGATCAGTGCA
 AAGGAACAACCTGCAATAGGTACGAATGTCTGCTGGCTGTTTGGATAGTAAAGCTAAAGTTATTGGCAG
 TGTACATTATGAAATGCAATCCAGCATCTGTAGAGCTGCAATTATTATGGTATAATAGACAATGATGGT
 GGCTGGGTAGATATCACTAGACAAGGAAGAAAGCATTATTTTCATCAAGTCCAATAGAAATGGTATTCAAA
 CAATTGGCAAATATCAGTCTGCTAATTCCTTACAGTCTCTAAAGTAACAGTTCAGGCTGTGACTTGTGA
 AACAACCTGTGGAACAGCTCTGTCCATTTCATAAGCCTGCTTACATTGCCCAAGAGTATACTGTCTCGT
 AACTGTATGCAAGCAATCCACATTATGCTCGTGAATTGGAACGAGTTTATTCTGATCTGTCCAGTA
 TCTGCAGAGCAGCAGTACATGCTGGAGTGGTTCGAAATCACGGTGGTTATGTTGATGTAATGCCTGTGGA
 CAAAAGAAAGACCTACATTGCTTCTTTTTCAGAAATGGAATCTTCTCAGAAAGTTACAGAATCCTCCAGGA
 GGAAAGGCATTACAGAGTGGTGTCTGTTGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

Protein Sequence: >RG203888 representing NM_031461
 Red=Cloning site Green=Tags(s)

MKCTAREWLRVTTVLFMARAIAMVVPNATLLEKLEKYMDEDGEWWIAKQRGKRAITDNDMQSILDLHN
 KLRSQVYPTASNMEYMTWDVELERSAESWAESCLWEHGPASLLPSIGQNLGAHWGRYPPTFHVQSWYDE
 VKDFSYPYEHECNPYCFRCSGPVCTHYTQVWATSNRIGCAINLCHNMNIWGQIWPKAVYLVNYSYSPKG
 NWWGHAPYKHGRPCSACPPSFGGGCRENLCKEYSGDRYYPREEETNEIERQQSQVHDTHVRTRSDSSR
 NEVISAQQMSQIVSCEVRLRDQCKGTTTCNRYECPAGCLDSKAKVIGSVHYEMQSSICRAAIHYGIIDNDG
 GWVDITRQGRKHFIKSNRNGIQTIGKYQSANSFTVSKVTQAVTCETTVEQLCPFHKPASHCPRVYCP
 NCMQANPHYARVIGTRVYSDLSSICRAAVHAGVVRNHGGYVDVMPVDKRTYIASFQNGIFSESLQNPPG
 GKAFRVFAVV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_031461

ORF Size: 1500 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_031461.6](#)

RefSeq Size: 4073 bp

RefSeq ORF: 1503 bp

Locus ID: 83690

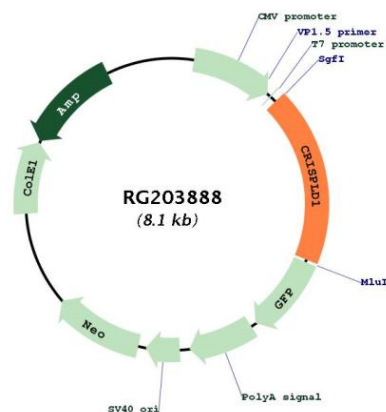
UniProt ID: [Q9H336](#)

Cytogenetics: 8q21.13

Domains: SCP, LCCL

Protein Families: Secreted Protein

Product images:



Circular map for RG203888