

Product datasheet for MR224928

Cr2 (NM_007758) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cr2 (NM_007758) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cr2
Synonyms: C3DR; CD21; CD35; Cr-1; Cr-2; Cr1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR224928 representing NM_007758
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGATCCTTGGGTTTCGCTCTGGGTTTTCTTCACTCTCATCACTCCAGGAGTTCCTTGAGATTTCTGTG
 ACCCTCCTCTGAAGTCAAAAATGCTCGGAAACCCATTATTCTCTTCCCATAGTTCTGGAACTGTTCT
 GAGGTACACTTGTTCACCTAGCTACCGCCTCATTGGAGAAAAGGCTATCTTTGTATAAGTGAAAATCAA
 GTGCATGCCACCTGGGATAAAGCTCCTCTATATGTGAATCTGTGAATAAAACCATTCTTGCTCAGATC
 CCATAGTACCAGGGGATTCATGAATAAAGGATCTAAGGCACCATTCAGACATGGTGATTCTGTGACATT
 TACCTGTAAGCCAACCTCACCATGAAAGGAAGCAAACTGTCTGGTGCCAGGCAATGAAATGTGGGGA
 CCAACAGCTCTGCCAGTCTGTGAGAGTGATTTCCCTCTGGAGTGCCCATCACTTCCAACGATTCATAATG
 GACACCACACAGGACAGCATGTTGACCAGTTTGTTCGGGGTGTCTGTGACATACAGTTGTGAACCTGG
 CTATTTGCTCACTGGAAAAAGACAATTAAGTGCTTATCTTCAGGAGACTGGGATGGTGTGATCCCGACA
 TGCAAAGAGGCCAGTGTGAACATCCAGGAAAGTTTCCAATGGGAGGTAAAGGAACCTCTGAGCCTTC
 AGGTTGGCACAACCTGTGACTTCTCCTGTAATGAAGGGTACCAATTACAAGGACAACCTCTAGTCAGTG
 TGAATTTGTTGAACAGAAAGCCATCTGGACTAAGAAGCCAGTATGTAAGAAATCTCTGCCACCACCT
 CCACCTGTTTCGTAATGGAAGTCATACAGGCAGCTTTTCAGAAAATGTACCATATGGAAGCACAGTTACCT
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 CTGTGTTTACAACCGAAGATCAAAGAGGGCAAAATATTATCTATTTTGAAGATAGTTATTCATATAATG
 ACACTGTGGCATTCTTGTGAACCTGGCTTACCTTGAAGGGCAACAGGAGCATTTCATGCAATGCTCA
 TGGCAGATGGGAGCCACCGTACCAGTGTGTGAAAAGGATGTCAGGCTCCTCCTAAAATATCAATGGG
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GCTGTTAATTCTTCTGTGATGAAGGGTCCAGTTAAGTGAGAGTGCTTATCAACTGTGTCAAGGTACAA
 TTCCTTGGTTTATAGAAATCCGTCTTTGTAAGAAATCACCTGCCACCACCTCCTGTTATACACAAACGG
 GACACATACATGGAGTTCCTCAGAAGATGTCCCATATGGAAGTGTGGTCACATACATGTGCTATCCTGGG
 CCAGAGGAAGGCGTAAATTTCAAACATCATCGGGGAGCAAACCATCCACTGTACAAGTGACAGCAGAGGAA
 GAGGCTCCTGGAGTAGCCCTGCTCCTCTCTGTAACCTTTCCCTCCCAGCTGTCCAGTGCACAGACGTTCA
 TGTTGAAAATGGAGTCAAGCTCACTGACAATAAAGCCCCATATTCTACAATGATAGTGTGATGTTCAAG
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 GGAGTATAGTCCGATTTCCCTGGAATGTCAGTCATGTACAGTTGCTACCAAGGCTTCTTATGGCTGG
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 CTACTGTGACTCTGGAATGTGAGGATGGGTATACCTTGGAGGGAAGTCCCAGAGCCAGTCCAGGATGA
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 GTGGGCTCAGCACTTATCATTTTGTAGTGTGCGCTTCTGTATGATATTAACACAGAGAAAGCAATT
 ATTATACAAAGACAAGACCCAAAGAAGGAGCTTTCATTTAGAAACACGAGAAGTATATTCTATTGATCC
 ATATAACCCAGCAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR224928 representing NM_007758
 Red=Cloning site Green=Tags(s)

MGSLGSLWVFFTLITPGVLEISCDPPPEVKNARKPYSLPIVPGTVLRYTCSPSYRLIGEKAIFCISENQ
 VHATWDKAPPICESVNKTISSDPIVPGFMNKGSKAPFRHGDSVTFCKANFTMKGSKTVWCQANEMWG
 PTALPVCESDFPLECPSLPTIHNGHHTGQHVDFVAGLSVTYSCEPGYLLTGKTIKCLSSGDWDGVIPT
 CKEAQCEHPGKFPNGQVKEPLSLQVGTVVYFSCNEGYQLQGQPSQCVIVEQKAIWTKKPVCKEILCPPP
 PPVRNGSHTGSENVVPYGSTVYTCDPSPKGVSTFLIGEKINCTTGSQKTIWSPAPYCVLSTSAV
 LCLQPKIKRGQILSILKDSYSYNDTVAFSCEPGFTLKGNSIRCNHGTWEPPVPVCEKGCQAPPKIING
 QKEDSYLLNFDPGTIRYSCDPGYLLVGEDTIIHCTPEGKWTPIPTQCTVAECKPVGPHLFRPQNQFIRT
 AVNSSCDEGFQLESAYQLCQGTIPWFIEIRLCKEITCPPPPVIHNGHTWSSSEDPYGTVVYTYMCPG
 PEEGVKFKLIGEQTIIHCTSDSRGRGSWSSPAPLCKLSLPAVQCTDVHVENGVKLTDNKAPYFYNDVSMFK
 CDDGYILSGSSQIRCKANNTWDPEKPLCKKEGCEPMRVHGLPDDSHIKLVKRTCQNGYQLTGTYEKCQN
 AENGTWFKKIEVCTVILCQPPPKIANGGHTGMMAKHFLYNEVSYECDEGFYLLGEKSLQCVNDSKGGHS
 WSGPPPQLQSSPLTHCPDPEVKHGYKLNKTHSAFSHNDIVHFVNCQGFIMNGSHLIRCHTNTWLPGVP
 TCIRKASLGCQSPSTIPNGNHTGGSIARFPPGMSVMYSCYQGFMLMAGEARLICTHEGTWSQPPPFCKEKN
 CSFPEDTNGIQKGFQPGKTYRFGATVTLCEDEGYTLEGSPOQSQQDDSQWNPLALCKYRSTIPLICGIS
 VGSALIIILMSVGFCEMILKHRESNYTTRPKEGALHLETREVYSIDPYNPAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9012_a11.zip

Restriction Sites:

Sgfl-MluI

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_007758.3](#)

RefSeq Size: 6207 bp

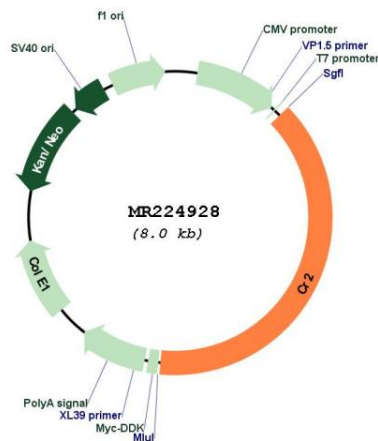
RefSeq ORF: 3099 bp

Locus ID: 12902

Cytogenetics: 1 98.44 cM

MW: 113.8 kDa

Product images:



Circular map for MR224928