

Product datasheet for **RR208201**

Cd5l (NM_001025685) Rat Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Cd5l (NM_001025685) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Cd5l |
| Synonyms: | MGC112716 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RR208201 representing NM_001025685 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTCTATTGTTCACTTGATACTGGCCCTCTTGACCATTTTTGTTGGACTGTGTTTCTCAGAGTCTC
CAACTAGAGTGGCTAGTGGGAGGCGCCACCCTGTGAAGGGCGAGTGGAGGTGAAACACAACGGCCA
GTGGGGGACTGTGTGCGATGACGGCTGGGACTTGATTGATGTGTCTGTGGTGTGCCGGGAGCTGAATTGT
GGAGCAGCGAAAAAACCCGAGTGGTGCATCATATCCACCAGCATCAGAAGGGCAAAGCGTTCTTA
TTCAAGGAGTTGAATGCAGTGGGCGGAAGACATGCTGGCTCAATGTACGCTAAATTACGATGTTTTTGA
TTGCTCGCATGCAGAAGATGCTGGGGTACAGTGTGAGAACCAGACAATCCAGAGAATGTGCGGCTAGTA
GAGGGCTCGGGCGCTGCCAGGGTGCAGTGGAGGTGTTCTACCAGGGCCAGTGGAGCACTGTGTGCAAAG
CAGGCTGGAACCTACAGGCTTCAAAGGTGGTGTGCAGGCAGCTGGGCTGTGGCGAGCACTGTGGCCCA
CAGATGCTGCAATAAGAATACCCAGGGCAAAGGACCCATCTGGATGAGCAAGATGTCATGTTCTGGACGA
GAAGCAAACCTTCAGGACTGCCCTTTAGTCTTTGGAGAGCAATTGTACCCATGGCGAGGACACGTGGA
TGGAAATGCGAAGATCCCTTTGAGCTGAGGCTGGTAGGAGGAGACACCCTGCTCTGGGAGTTGGAGGT
GCTGCACAAGGGTTCCTGGGCTCTGTCTGTGATGACAGCTGGGAGAAAAGGAGGACCAAGTGGTCTGC
AAGCAACTGGGCTGTGGGAAGTCCCTTTCCATCCCCTAAAGCCCGCCAAAGCTTCGGGCTGGGACAG
GCCGCATCTGGCTGGATGACGTGAGTGTCTCAGGGAAGGAAGTCTCTTGAGCTCTGCCGGCACAGGCT
GTGGGGATACCATGATTGCACGCACAAGGAAGATGTGGGCGTGATCTGCTCAGAGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR208201 representing NM_001025685
Red=Cloning site Green=Tags(s)

MALLFNLILALLTIFVGLCFSESPTRVRLVGGahrcegrvevkhngqwgTVcDDGwDLIDVSPVCRELNC
 GAAKTPSGASYHPPASEGQSVLIQGVeCSGAEDMLAQCTLNYDVFDCSHAEDAGVQCENPDNPENVRLV
 EGLGRCQGRLEVFYQGQWSTVCKAGWNLQASKVVCRLGCGRALLAHRCCNKNTQKGPIWMSKMSCSGR
 EANLQDCPFSPLESNCTHGEDTWMECEDPFELRLVGGDTTCSGRLEVLHKGSWGSVCDDSWGEKEDQVVC
 KQLGCGKSLFSPKARQSFPGTGRIWLDDVSCSGKEESEL^{*}CRHRLWGYHDCTHKEDVGVICSEL

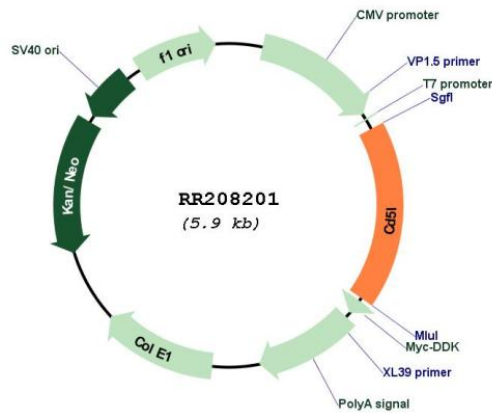
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001025685

ORF Size: 1038 bp

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| 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: | <ol style="list-style-type: none">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_001025685.1 , NP_001020856.1 |
| RefSeq Size: | 1990 bp |
| RefSeq ORF: | 1041 bp |
| Locus ID: | 310693 |
| Cytogenetics: | 2q34 |
| MW: | 37.9 kDa |