

Product datasheet for **RR205904**

Clec14a (NM_001014077) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clec14a (NM_001014077) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Clec14a
Synonyms:	RGD1306232
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR205904 representing NM_001014077
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGCCGGCTCTTGCCTGTGCCTCCTCTGTCTCGTTCTGGCCCCGGCCAGGGAATGGCGAGCACC
 CCACGGCCGATCGCGCAGTTTGTTCGGTCCCGGGGCTTGTCTACAGCCTGCACCACGCAGCCATGAAGAG
 GAGGGCGCGGAGGAGGCTGTAGCTTGCAGCGGGGACTCTCAGCACCGTGCAGTCCGGCTCTGAGTTG
 CAAGCTGTGCTCAAGCTTTTCGTGACAGTCCCAGGCTGGTGGAGGCTCCAAAGACCTAATGTTCTGGG
 TGGCTCTGGAGCGTGACCGTTCACAGTGCACCCAGGAGAGAGCCTTTGAGGGTTTCTCTGGTTGTA
 CACGGACTCAGAAGACTCGGAGAACAGAACTACCTGGGTGGAAGAGCCAACTTTCTGACTGTA
 CGAAAGTGCCTGTGCTCCAGGCCACCGGGGAGTGGAGCCTGTGGCTGGAAGGAGATGCGCTGTCAAC
 AGCGCGCCGATGGCTACCTGTGCAAGTACCAGTTTGGGCTCTGTGCCCTGCGCCTCGCCGGGAGCCGC
 CTCTAACTTAAGTTTCAAGCTCCCTCCGGCTGAGCAGTTCTGCCCTGGACTTCAGCCCTCTGGGACC
 GAGGTGAGTGCATGTGTCCAGGGACTTCTCAGTCTCCTCCATCTGCGTCCAGGAAGAGACAGGCGCAC
 GCTGGGATGGGCTTTCCCTGGGAGCTTGTCTGCCCTGTTCTGGGAGGTACCTCCTTGTGGCAAGTG
 CGTGGAGCTCGCTGACTGCCTAGACTACTTGGGAACTTCGCCTGCGAATGTGCTGTGGTTTTGGACTA
 GGAAGGACAAACGCTCTTGTGAGACCAAAGCGGAAGGCAACTAACCTCGAGGGGACCAAGTTGCCCA
 CTAGAAATGTATCAGCCACTCCAGCCAGTCTGTGACAAACAAATCGTGGCCAGGTACAGTCTATGACAA
 GCCAGGAGAGATGCCCGAGTCACTGGACAAGACCGTATTGCGACATCTGTTCTGAGATTCTTCAAGTGG
 GGAACACAGAGTACTTTACCTACTGTTCAAACGTCCCCACAAACCAAGCCAAAAGTACCATCACACCAT
 CAGGAAGTATGATGCCACATTGAATTCGCATCTCCCTCTGTTTCTGACTTTGACTCCTCCTC
 CACGGTGGTCTTCGTACTTGTGAGCATAGCAGTAATAGTTTTGGTACTCTTGACCATTACAGTGTGGGA
 CTTTTCAAACCTGCTTCCACAAAAGCCCTTCCAGGACAAGGAAGGAGCTTTGGACTCACAGGGTG
 TGAATGTGATGCAGAGGCCACCTCTCTGCGGCACAATTCTGCACAGTGCACGGACTGGAGGGAAGG
 TGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205904 representing NM_001014077
 Red=Cloning site Green=Tags(s)

MRPALALCLLCPAFWPRPGNGEHPTADRAVCSVPGACYSLHHAAMKRRAEEACSLRGGTLSTVQSGSEL
 QAVLKLFRAGPGPGGSKDLMFWVALERDRSQCTQEREPLRGFSWLYTDSSESENRTL PWVEEPQLSCTV
 RKCAVLQATGGVEPAGWKEMRCQQRADGYLCKYQFEALCPAPRPGAASNLSFQAPFRLSSSALDFSPPGT
 EVSAMCPDRFVSSSI CVQEETGARWDGLFPGSLLCPCSGRYLLAGKCVELADCLDYLGNFACECAVGFEL
 GKDKRSCETKAEGQLTLEGTCLPTRNVSATPASPVTNKSWPGQVYDKPGEMPQVTGQDRIATSVPEILQW
 GTQSTLPTVQTSPTQPKVITITPSGSMPTLNFASSPPVSLTFDSSSTVVFVLVSI AVIVLVLLTITVLG
 LFKLCFHKSPSSRTRK GALDSQGV ECD AEATSLRHNSAQCTDTGGKGA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-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_001014077.1](#), [NP_001014099.1](#)

RefSeq Size: 3165 bp

RefSeq ORF: 1407 bp

Locus ID: 314148

Cytogenetics: 6q23

MW: 50.2 kDa