

## Product datasheet for **MR207323**

### Clec14a (NM\_025809) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clec14a (NM_025809) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Clec14a
Synonyms:	1200003C23Rik; AI642649
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR207323 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGGCCAGCGCTTGCCTGTGCCTCCTCTGTCTCGCTTCTGGCCTCGGCCAGGGAATGGGGAGCATC  
 CCACGGCCGATCGCGCAGCTTGTTCGGCCTCGGGGGCTTGTACAGCCTTACCACGCTACCTTCAAGAG  
 AAGGGCGGCGGAGGAGGCTGCAGCCTAAGGGCGGGACTCTCAGCACCGTGCACCTCAGGCTCGGAGTTT  
 CAAGCTGTGCTCCTGCTTGTGCTGCAGGTCCCGGGCCTGGCGGAGGCTCCAAAGATCTTCTGTTCTGGG  
 TGGCTCTGGAACGCAGCATCTCACAGTGCACCTCAGGAGAAAGAGCCTTTAAGGGGTTTCTCTGTTGCA  
 CCCGGACTCAGAAGACTCAGAGGACAGCCACTACCGTGGGTGGAAGAGCCACAACGTTCTGTACAGTG  
 AGAAAGTGCCTGCGCTCCAGGCCACCAGGGGAGTGGAGCCTGCTGGTTGGAAGGAGATGCGCTGCATC  
 TGCAGCCGATGGCTACCTATGCAAGTACCAGTTTGGAGTTCTGTGCCCTGCACCTCGCCAGGAGCCGC  
 CTCTAATTTGAGTTTCAAGCTCCCTCCGGCTGAGCAGCTCCCGCTGGACTTCAGCCCTCTGGGACA  
 GAGGTGAGTGCATGTGTCCCGGGACCTCTGTTCGTCCACCTGCATCCAGGAAGAGACAAGCGCAC  
 ACTGGGACGGGCTTTCCCTGGGACAGTCTGTGCCCTGTTCCGGGAGGTACCTCCTTGTGGCAAGTG  
 TGTGGAGCTCCCTGACTGTCTAGATCACTTGGGAGACTTACCTGCGAATGTGCAGTGGGCTTTGAGCTG  
 GGAAGGACGGGACTTCTTGTGAGACAAAGTGGAAAGACAGCTAACCTCGAGGGGACCAAGTTGCCCA  
 CCAGGAATGTAACAGCCACTCCAGCAGGTGCTGTGACAAACAGAACATGGCCAGGTCAGGCTATGACAA  
 GCCAGGAGAGATGCCACAGGTCACTGAGATTCTCAGTGGGAACACAGAGTACTTTACCTACTGTTCAA  
 AAGACCCACAAACCAAGCCAAAAGTCACTGGCACACCATCAGGAAGCGTGGTCTGAACATACACATCTT  
 CGCCCCCTGTTTCTGACTTTTCGACACTCTTCCACGGTGGTCTCATACTTGTGAGCATAGCAGTTAT  
 CGTTTTGGTCTGCTTACCAATTACAGTGTGGGGCTTTTCAAACCTCTGCTTCCACAAAAGCCGTTCTCCTC  
 AGGACAGGGAAGGAGCTTTGGACTCACCAGGTGTGGAATGTGATGCTGAGGCTACCTCTTTGCACCACA  
 GTTCTACACAATGCACTGACATTGGAGTGAAGAGCGGGACTGTGGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207323 protein sequence  
 Red=Cloning site Green=Tags(s)

MRPALALCLLCPAFWPRPGNGEHTADRAACSASGACYSLHHATFKRRAAEEACSLRGGTLSTVHSGSEF  
 QAVLLLLRAGPGPGGSKDLLFWVALERSISQCTQEKEPLRGFSWLHPDSEDSPLPWVEEPQRSCTV  
 RKCAALQATRGVEPAGWKEMRCHLRADGYLCKYQFEVLCAPAPRGAASNLSFQAPFRLSSALDFSPPGT  
 EVSAMCPGDLVVSSTCIQEETSAHWDGLFPGTVLPCPSGRYLLAGKCVLPDCLDHLGDFTCCEAVGFEL  
 GKDGRSCEKVEEQLTLEGTKLPTRNVTATPAGAVNRTWPGQVYDKPGEMPQVTEILQWGTQSTLPTVQ  
 KTPQTKPKVTGTPSGSVLNYTSSPPVSLTFDTSSTVVVILVSIIVIVLVVLITIVLGLFKLCFHKSRSR  
 RTGKGDALDSPGVECDAEATSLHHSSTQCTDIGVKSQTVA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_025809

ORF Size: 1380 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\\_025809.1](#), [NM\\_025809.2](#), [NM\\_025809.3](#), [NM\\_025809.4](#), [NM\\_025809.5](#), [NP\\_080085.3](#)

RefSeq Size: 4539 bp

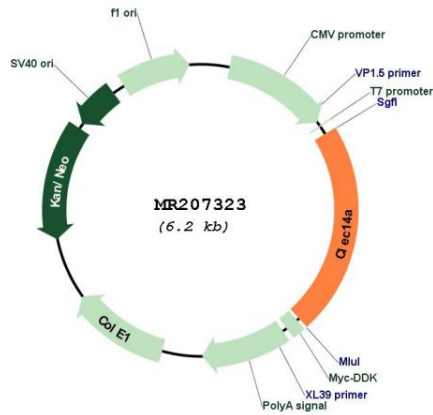
RefSeq ORF: 1380 bp

Locus ID: 66864

UniProt ID: [Q8VCP9](#)

Cytogenetics: 12 C1  
 MW: 49 kDa

**Product images:**



Circular map for MR207323