

Product datasheet for **RR210142**

Clec4a3 (NM_001005891) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clec4a3 (NM_001005891) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Clec4a3
Synonyms:	Dcir3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR210142 representing NM_001005891 Red =Cloning site Blue =ORF Green =Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGC

ATGTTTTAGAAAACATTTATATTAACACGAACCTCAAAAATAAATATGACTCCTCAGACATCGACACAG
 ACTTTTCGCCAGATCCCCAAAGAAGAGCAAGTCTCAGAAAAGTTGCCACAAGTTCTCAAGGTCCTCTT
 TACCTCACTCATAATCTATTTCTGCTGTTGACAATCTTATTCTCCAGTGCTCTGATCATTCTGTTTAA
 AAATATTCTCAGCTTCTGGAAGAAAAACAATTATGAAGGAAGTGAAGTATACTGAATTGGAGTGTACAA
 AATGGGATTCACCTTTGGAAGACAAAGTCTGGAGCTGTTGCCAAAGGATTGGAAGCCATTTGATTCCAA
 CTGCTACTTCCCTTCCACTGACTCAGTAGAATCTTGGATGGAGAGTGAGGAGAAGTGCTCCGGCATAGGT
 GCTCATCTGGTGGTGATCCACAGCCAGGAAGAGCAGGATTTCTGCCAGGATCCTGGATACTCATGCTG
 CTTATTTTATAGGACTTTTTCAGATCCAGGTCATCGACAATGGCAATGGGTCGATCAGACACCATAAATGG
 GAATGCCACATTTCTGGCATGAAGGTGAGCCAGCAGTGACAATGAACAATGTGTTATAATAAATCATCAT
 GAGAATACTGGATGGGCTGGAGTGATAGCTCTTGCAAGTATAACAGAAGTTGGTTTGTGAGGTGAAAA
 AAATATACTTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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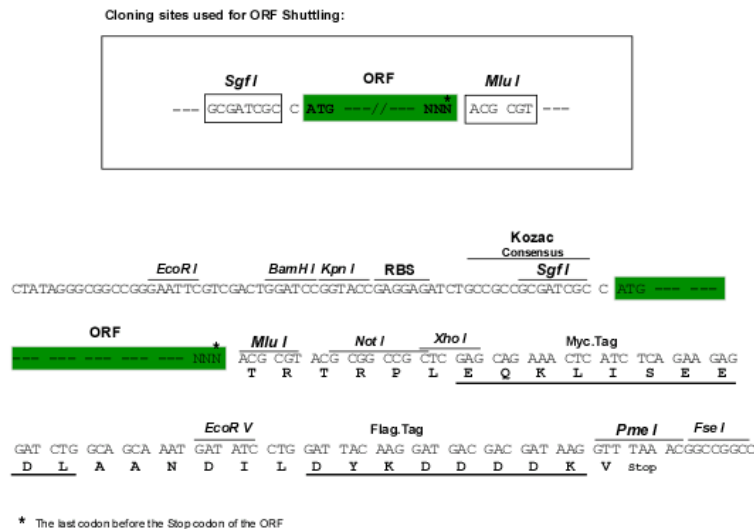
Protein Sequence: >RR210142 representing NM_001005891
 Red=Cloning site Green=Tags(s)

MFSENIYINTNFKNKYDSSDIDTDFRPDPKSKSQKSCHKFSKVLFTSLIIYFLLLILFSSALIILFK
 KYSQLEEKTIMKELNYTELECTKWDSLLEDKVWSCCPKDWKPFDSNCFPSTDSVESWMESEKCSGIG
 AHLVVIHSQEEQDFLPRILDTHAAYFIGLSDPGHRQWQVWDQTPYNGNATFWHEGEPSSDNEQCVIINH
 ENTGWGSDSSCSKQKLVCQVKKIYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001005891

ORF Size: 711 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_001005891.1, NP_001005891.1

RefSeq Size: 779 bp

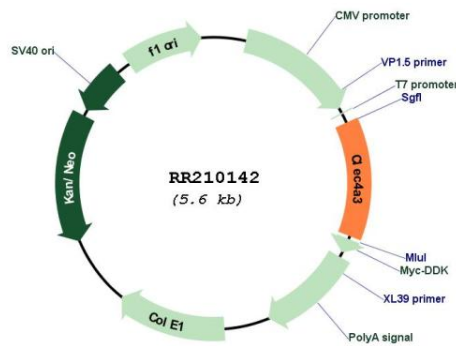
RefSeq ORF: 714 bp

Locus ID: 362431

Cytogenetics: 4q42

MW: 27.7 kDa

Product images:



Circular map for RR210142