

Product datasheet for **RR203321**

Clec4a2 (NM_001005880) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clec4a2 (NM_001005880) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Clec4a2
Synonyms: Dcir2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203321 representing NM_001005880
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATTCAGAACTCACTTATGCAGAAGTGAGGATCAAGAATGAATCCAATTCCTTGGGCACCTACTCAG
AATGTCCTGCAGTCCCAGAGAGAAACCTACCCATCATCCAAGTAAGCCAGGTTCCCGCTCACTGCTTTT
TACATCCTTGATGGTATTCTCCTGCTGTTGACAATCGCATTCTTAGGTTCTTTATCATTATTTTCAA
AAGTACTCTCACTTCTTGAAGAAAAAAGCTTTAACTGATAAACTCTCAATGATTTGAACTGCACAA
AAAATGTTTCACTCACAGAAGATAAAGCCTGTAGCTGTTGCCTAAAGGATTGGAAGTCATTTGGCTCCTA
CTGCTACTTTACTTCACTGACTCGAAGGCACTTGGGATGAGAGTAAGGAGAAGTGCTCCCGCATGGGT
GCTCATCTGTTGGTGATCCACAGTCAGGATGAGCAGGATTTTATCAACACGATCCTGAACATTGGTACTG
ATTATTTTATAGGACTTTCAGACCACAGCGAAAATCAATGGCAATGGATTGATCAGACACCATAACA
GAGTGTACATTCTGGCATAAAGGTGAGCCCAACAACAAGGAAGAAAAATGTGTTGTAATAAACCATCGT
GATAAATGGGGCTGGAATGATATCCCTTGCCATGATAGACATAAGTCAGTTTGTGAGGTGAAGAAAAATAC
ACTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203321 representing NM_001005880
 Red=Cloning site Green=Tags(s)

MDSEITYAEVRIKNESNSLGTYSCEPAVPREKPTHHPSPKPGSRLLFTSLMVFLLLLTI AFLG SFI IYFQ
 KYSQLLEEKALTDKTLNDL NCTKNVSLTEDKACSCCLKDWK SFGSYCYFTSTDSKATWDESKEKCSRMG
 AHLLVIHSQDEQDFINTILNIGTDYFIGLSDHSENQWQWIDQTPYNESVTFWHKGEPNNKEEKCVVINHR
 DKWGWNDIPCHDRHKSVCQVKKIHS

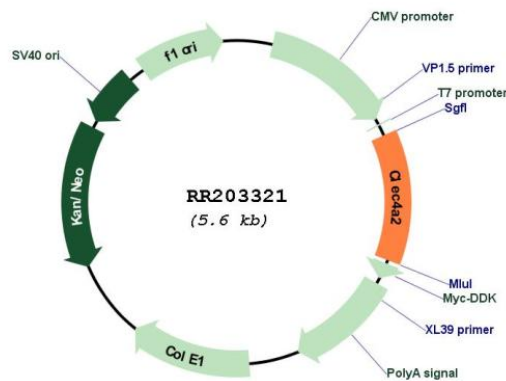
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001005880
ORF Size: 705 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:	<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_001005880.1 , NP_001005880.1
RefSeq Size:	790 bp
RefSeq ORF:	708 bp
Locus ID:	297584
Cytogenetics:	4q42
MW:	27.2 kDa