

Product datasheet for **RR204135**

Csf2ra (NM_001037660) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csf2ra (NM_001037660) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csf2ra
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR204135 representing NM_001037660 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGAGCATCATCCCCCTGCCTCAGCTCCTCGCCCTGCTCTGCTGCTGCGGACTTGTGCTGCTACTCAGG
GCCACAGACCCGTCACGCCCCCTAACCTGGGCTCGCCACTTCCACAACCTGACCTTCGACCCCGG
GACCTGGACACTGAGCTGGGCTGTGGCGCCATGATGGGGCAGTGATGTCGTGCACGGTGATTGACCAG
GAGGCAGGGATCCGGCGCAGAGTGCAGTCCCGGGCTGCGCTGCGGTTTCAGCCAATGGAGTTACACC
GCGGGGTGACCTGGAGTTGCGGGGGACAAAGGCCATGCCAAGTCCATCAGACTCTGCGCTTCGAGAA
TGAAGGTGCCAGGCTCCGGGGCAGAGAACCTGACCTGTGAGATCCTTGTGCCACTTCTGTGCTGT
TATTGGGCGGTGGGGCCGGTGCACCCGATGACATCAGATACTCACTGCGCGTCTCAACGCCACTGGTC
ATGAGGTGCCAGCTGCTCCGCTGCCCCGGAACCCACCCACGCGTTGCCAGGCTGATGATCTCACACA
TCTGCCCGCCTCGCATACATCGTCGCTCACTGGCAGAGCCGGACGGGGTGGTGGGTTCTGGATGCC
GTGGTCAACCAAGGGCATTGAGCGCCTGGTCCCCAGATAACGTCTCTGCCTCTGTAACCTCTCCC
ACTGCACCATCACCTGGGCTCCGCCCTACCTGGGCGCCTATGACGGAACAGGATTTCCGCTTTGAGAT
CGAGTGGAAGAAGGCGGAGCCAGCAGATTGCCAGAAGGTGTTATCGAGGGCGCAGGACAACGCC
TTGCGCTTCCCCAGCCCCGCCCGCTGGCCGCTCTGGGTGAGATTGTCGAGGGGACACACGAGTGC
ATCGGTGGAGCGACTGGAGCCCCGCCCTGGAGCTCGGCTCGGAGGCCACAACCCCGCCGGGGCCCTGGT
GTTGGCGCGTCGAGCTGTGCAGCCCTGCTGTGTGCGCTGGCACTGGGGCGGCTGCAGGAGACTCGCG
CTCTACGCCGCTCTCCCCCATCCCCGGATCCGGGACCGCGTATCTGATGACGAGCGTGTCAACT
CGGAGACGCTGAGGAAGGACCTGCTGCGGCC

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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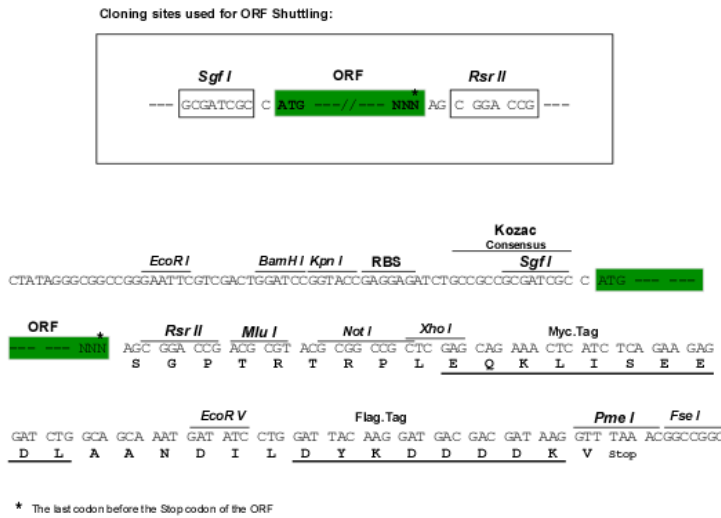
Protein Sequence: >RR204135 representing NM_001037660
Red=Cloning site Green=Tags(s)

MSIIPLPQLLALLCCCGLAAATQGTPDPSTPPNLGLAHFHNLTFDPGTWLSWACGGHDGAVMSCTVIDQ
 EAGIRRRVRSRGCRCRFQPMELHRGVDLEVAGDKGHAQVHQLRFENEGAPGSGAENLTCEILAAHFLCC
 YWAVGPAAPDDIRYSLRVLNATGHEVASCSAAGTPPTRCQADDLTHLPRLAYIVVTGQSRITGLVRFLDA
 VVNTKGIERLGPDPNVASCNFSCHCTITWAPPPTWAPMTEQDFRFEIEWKKAEPSSIAQKVVIAGREDNA
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 LSRRLPPIPGIRDRVSDDERVNSETLRKDLLRP

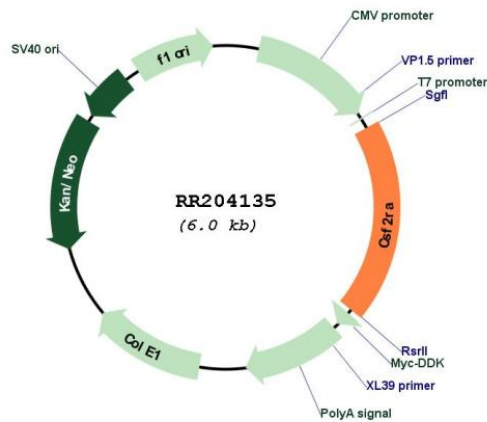
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001037660

ORF Size:	1152 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_001037660.1 , NP_001032749.1
RefSeq Size:	1413 bp
RefSeq ORF:	1155 bp
Locus ID:	652957
Cytogenetics:	14p22
MW:	41.6 kDa