

Product datasheet for **RR205035**

Fcer1g (NM_001131001) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fcer1g (NM_001131001) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fcer1g
Synonyms: MGC188226
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205035 representing NM_001131001
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATCCAGCGGTGATCTTGTTCTTGCTCCTTTTGGTGAAGAAGCAGCTGCCCTAGGAGAGCCGCAGC
TCTGCTATATCCTGGATGCCATCCTGTTTTGTATGGTATTGCCTTACCCTGCTCTACTGTGCGACTCAA
GATCCAGGTCCGAAAGGCAGACATAGCCAGCCGTGAGAAATCAGATGCTGTCTACACGGGCTGAACACC
CGGAACCAGGAGACATATGAGACTCTGAAACATGAGAAACCCCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR205035 representing NM_001131001
Red=Cloning site Green=Tags(s)

MIPAVILFLLLLVEEAAALGEPQLCYILDAILFLYGIIVLTLLYCRLLKIQRKADIASREKSDAVYTG
LNTRNQETIYETLKHEKPPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

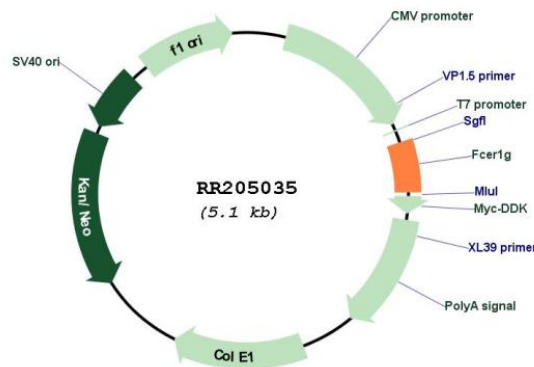


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001131001

ORF Size: 258 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:	<u>NM_001131001.1</u> , <u>NP_001124473.1</u>
RefSeq Size:	657 bp
RefSeq ORF:	261 bp
Locus ID:	25441
UniProt ID:	<u>P20411</u>
Cytogenetics:	13q24
MW:	9.8 kDa
Gene Summary:	subunit of high-affinity receptor for immunoglobulin E; mediates the release of mediators responsible for allergic symptoms [RGD, Feb 2006]