

## Product datasheet for **RR200061**

### **Fga (NM\_052797) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fga (NM_052797) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fga
Synonyms:	Ac1873; Fba5e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR200061 representing NM\_052797  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTTTCCCTGAGGGTCGCTGCCTCATCTGAGCTTGCCAGCACAGTCTGGACTGCAGACACCGGCA  
 CCAAGTGAATTCATAGAAGCAGGAGGATATTCGTGGCCCAAGAATTGTGGAGAGACAGCCTAGTCA  
 ATGCAAGGAGACAGATTGGCCCTCTGCTCTGATGAAGACTGGAACCACAATGCCCTTCAGGCTCAGG  
 ATGAAAGGGTTGATTGATGAAGCCAATCAGGACTTTACAAACAGAATCAACAAGCTCAAAAACCTACTAT  
 TTGATTTTCAAAGAACAACAAGGATTCTAATCACTGACCAGGAATATCATGGAGTATTTGAGAGGGGA  
 CTTGCTAACGCCAACACTTTGATAACACTTTGCGGCAAGTGTGAGAGGACCTGAGGCGCAGAATTGAG  
 ATCCTAAAGCGCAAAGTCATAGAGAAAGCGCAACAGATTCAGGTTCTGCAGAAAGACGTCCGGGATCAGC  
 TGATAGACATGAAGCGCCTGGAGGTGGACATTGATATCAAGATCCGCTCTTGCAAAGGATCCTGCAGCAG  
 GTCTGTAAGCCGTGAGATAAATCTAAAGGACTACGAAGGTCAGCAAAGCAACTTGAACAGGTCATTGCT  
 AAAGAGTTGCTTCGGCAAAAGACAGGCAGTACTTGCCAGCAATAAAAAATGTCTCCAGTTCCCGACTTGG  
 TTCCCGGAAGTTTTAAGAGCCAGCTTCAGGAGGGGCCCCAGAGTGGAAGGCATTAACAGAAATGAGGCA  
 GATGAGAATGGAGCTGGAGAGGCCCGGGAAGGATGGGGCTTCGCGAGGAGATTTACCAGGAGATTCGCGA  
 GGAGACTCTGCAACACGTGGACCAGGGTCGAAGATAGAAAACCCCATGACCCCTGGACATGGTGGGTCTG  
 GGTATTGGCGTCTGGGAGCTCCGGATCTGGAAGTGTGAAATTTGGGGCTCTGGGACAACGGGGTCTGA  
 TGACACTGGAACCTGGGTGCAGAAAGTCCAGACCTAGCTCAGGCTCTGGGAACCTTAAGCCTAGCAAC  
 CCTGACTGGGGTGAAGTTTCAAGGAGATAAAGAGCTCCTCATTGGAACGAGAAAGTTACCTACTGGCAC  
 AAAAAGTGGTCACTTCTAAAGGAGATAAAGAGCTCCTCATTGGAACGAGAAAGTTACCTACTGGCAC  
 AAGCACACACGTCGTTTCATGCTCTAAAACCTTACTAAGACTGTTTTGGGTAATGATGGTCACCGGGAA  
 GTGGTCAAAGAAGTGGTCACTTCGGATGATGGTTCTGACTGCGGTGATGGCATGGACTTAGGCTGACCC  
 ACAGTTTTAGTGGCAGACTTGACGAACCTTCCGAATGCATCCTGAACTTGGTTCCTTTTATGACAGCCG  
 CTTTGGTTCACTCACAAGTAACTTCAAAGAATTTGGCAGTAAGACCTCTGATTCTGACATCTTACAGAC  
 ATCGAGAACCCTAGCTCCATGTACCTGAGTTTTCTTCCAGTAGTAAAACCTCAACTGTCAGGAAACAAG  
 TAACCAAGAGCTATAAATGGCAGATGAGGCAGCAAGTGAAGCTACCAAGAAGGAGACTCGAACCCAC  
 CAAGAGGGGCCGAGCTCGACAATGAGAGGTATCCACGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR200061 representing NM\_052797  
 Red=Cloning site Green=Tags(s)

MLSLRVAQLILSLASTVWTADTGTTFSEFIEAGGDIRGPRIVERQPSQCKETDWPFCSDWDNHNKCPSGCR  
 MKGLIDEANQDFNTRINKLKNLFDQKNNKDSNSLTRNIMEYLRGDFANANNFDNTFGQVSEDLRRRIE  
 ILKRKVEIKAQQIQVLQKDVDRQLIDMKRLEVDIDIKIRSCKGSCRSVSREINLKDYEQQKQLEQVIA  
 KELLPAKDRQYLPAILKSPVVDLVPGSFSQLQEGPPEWKALTEMRQRMELERPGKDGASRGDLPGDSR  
 GDSATRGPFSKIENPMPGHGGSGYWRPGSSGSDGNWGSSTGSDDTGTWGAGSSRPSSGSGNLKPSN  
 PDWGEFSEFGSSPATRKEYHTGKLVTSKGDKELLIGNEKVTSTGTSTTRRSCSKITIKTVLGNHRE  
 VVKEVVTSDGSDCGDMDLGLTHSFSGRLDELSRMHPELGSFYDSRFGSLTSNFKFSGKTSDDSDIFTD  
 IENPSSHVPEFSSSKTSTVRKQVTKSYKMADEAAEAHQEGDTRTTKRGRARTMRGIHA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_052797

**ORF Size:** 1650 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\\_052797.1](#), [NP\\_434684.1](#)

**RefSeq Size:** 1940 bp

**RefSeq ORF:** 1653 bp

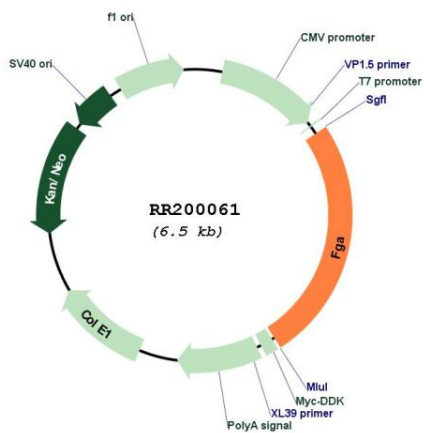
**Locus ID:** 361969

**Cytogenetics:** 2q34

**MW:** 60.5 kDa

**Gene Summary:** plays a role in blood coagulation; may be involved in liver regeneration [RGD, Feb 2006]

**Product images:**



Circular map for RR200061