

## Product datasheet for **RR206150**

### Fam84a (NM\_001127299) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fam84a (NM\_001127299) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Fam84a  
**Synonyms:** RGD1305779  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR206150 representing NM\_001127299  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCCTGCAAACAGTCTGTCATTGTGCAAGGCGCTGTAAGGGATGGGATCTCAGTTCCTGGCCCTGGCC  
TCGCCCGTTCATTGATGGCAACCAACTGGATCGCATCACCCACCTCACTACAGCGAGTTGCCACTGG  
GGACCCATCTGGGATTGAGAAGGACGAGCTGCGAGTCGGGTTGCCTACTTCTTCGGATGAGGAGGAG  
GACCTGGACGAACGCGGGCAGCCGGACAAGTTTGGTGTGAAGGGCCCTCCAGTTGTAGCCCTTGCCAG  
AGAGCCCCAGCCGCCACCATCACCACTGCTGCACCAGCTCGTCCTCAACGAGACTCAGTTCTCCGCCTT  
CCGAGGCCAGGAATGCATCTTTTCAAAGTGACCGGCGGCCCTCAGGGCGCCGACTTGAGTGATACGCG  
GTCACTGCGCTGCCCGCATCTGCGAGCCGGGCGATCTGCTAGAGCTCTTGTGGCTACAGCCGGCGACCG  
AGCAGCCCGCCAGCCCTCACTGGGCCGTCTACGTGGGCGGCGGCGAGATCATCCACCTGCACCAAGG  
CGAGATCCGCCAGGACAGCCTGTACCAGGCGGGCGGCCAACGTGGGCCGGTGGTGAATAGCTGGTAC  
CGCTACCGCCCGCTGGTGGCCGAGTTGGTGGTGCAGAACGCTGTGCCACCTGGGCCTCAAGAGCGAGG  
AGATCTGCTGGACGAACCTCCGAGAGCTTCGCTGCCTGGTCCGCTTTGAAAGCGCGAGTCAAGGCTGG  
AGGGGAGGTTCCCGCAGGAACGCAGCCTCCGCAACAGCAGTATTATCTCAAGGTGCATCTAGAGGAGAAC  
AAAGTCCATACGGCTCGGTTCCACAGCCTGGAGGACCTCATCCGCGAGAAGCGTCCGATAGACGCCAGTG  
GCCGCTTCGAGTCTCAGGAGCTTGAGGACTTTGTGGATGACAAGGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR206150 representing NM\_001127299  
Red=Cloning site Green=Tags(s)

MPANQSVIVQGAVRDGISVPGPLAASLMGNQLDRITHLNYSELPTGDPGSGIEKDELRVGVAYFFSDEEE  
 DLDERGQDPKFGVKGPPGCSPCPEPSRHHHLLHQLVLNETQFSAFRGQECIFSKVTGGPQGADLSVYA  
 VTALPAICEPGDLELLWLQPATEQPAPAPHWAVYVGGGQIIHLHQGEIRQDSL YQAGAANVGRVVNSWY  
 RYRPLVAELVVQNACGHLGLKSEEICWTNSEF AAWCRFGKREFKAGGEVPAGTQPPQQYYLKVHLEEN  
 KVHTARFHSLEDLIREKRRIDASGRLRVLQELEDVFDDKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

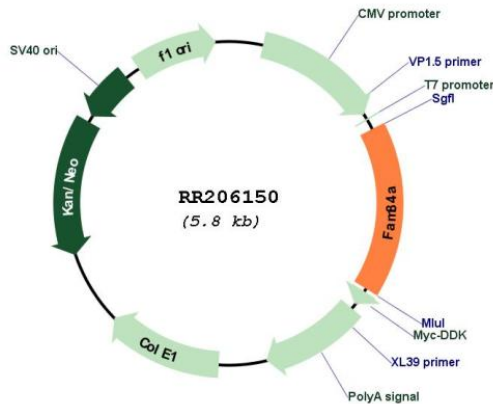
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001127299

**ORF Size:** 960 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001127299.1</a> , <a href="#">NP_001120771.1</a>
<b>RefSeq Size:</b>	3719 bp
<b>RefSeq ORF:</b>	963 bp
<b>Locus ID:</b>	313969
<b>Cytogenetics:</b>	6q15
<b>MW:</b>	35.4 kDa