

## Product datasheet for RN202695

### Ffar1 (NM\_153304) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ffar1 (NM_153304) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ffar1
Synonyms:	Gpr40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202695 representing NM_153304 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCTGCCCCACAGCTCTCCTTCGCTCTCTATGTATCAGCCTTTGCACTAGGCTTTCCATTGAACT  
TGTTAGCCATCCGAGGTGCAGTGTCCCACGCGAACTGCGACTCACCCCCAGCTTGGTCTACACTCTCCA  
TTTGGCCTGCTCTGACCTCCTACTGGCCATCACCTGCCCTGAAGGCTGTGGAGGCCCTGGCTTCTGGG  
GTCTGGCCCTGCCACTCCCCTTCTGCCAGTCTTTGCCCTGGCCACTTTGCGCCCTCTATGCAGGTG  
GAGGCTTCTGGCTGCTCTCAGTGTGGCCGCTACCTGGGAGCTGCCTTCCCCTTTGGATACCAAGCCAT  
CCGGAGGCCCTGCTATTCTGGGGTGTGTGTGGCTATATGGGCCCTTGTCTTTGCCACTGGGACTG  
GCTCTTGGCTTGGAGGCTCCCAGAGGCTGGGTGGATAACACCACAGTTCCTGGGCATCAACATACCCG  
TGAATGGCTCCCCGGTCTGCCTGGAAGCGTGGGATCCTGACTCTGCCCGCCCTGCCGACTCAGTTTCTC  
GATTCTGCTCTTCTTCTGCCCTTGGTTATCACTGCTTCTGCTATGTGGGCTGCCTCCGGGCCCTGGTG  
CACTCGGGCCTGAGCCACAAACGGAAGCTCAGGGCAGCTTGGGTGGCTGGAGGAGCACTTCTCACACTCC  
TGCTCTGCCTGGGGCCCTATAATGCTTCCAATGTGGCTAGTTTCATAAACCCGGACTTAGAAGGCTCCTG  
GAGGAAGTTGGGGCTCATCACAGGAGCCTGGAGTGTGGTGTCTCAACCCACTGGTCACTGGCTACTTGGGA  
ACAGGTCTGGACAGGGACAATATGTGTGACCAGGACTCCAAGAGGGACAATTGAGAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja1392_c06.zip">https://cdn.origene.com/chromatograms/ja1392_c06.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_153304



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<b>Insert Size:</b>	903 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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>	<u><a href="#">NM_153304.1</a></u> , <u><a href="#">NP_695216.1</a></u>
<b>RefSeq Size:</b>	905 bp
<b>RefSeq ORF:</b>	903 bp
<b>Locus ID:</b>	266607
<b>UniProt ID:</b>	<u><a href="#">Q8K3T4</a></u>
<b>Cytogenetics:</b>	1q21
<b>Gene Summary:</b>	orphan G-protein coupled receptor family that is activated by medium and long chain fatty acids; may mediate physiological changes in pancreatic islets [RGD, Feb 2006]