

## Product datasheet for **RG232548**

### FPR1 (NM\_001193306) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FPR1 (NM\_001193306) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** FPR1  
**Synonyms:** FMLP; FPR  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG232548 representing NM\_001193306  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGACAAATTCCTCTCTCCCCACGAACATCTCTGGAGGGACACCTGCTGTATCTGCTGGCTATCTCT  
TCCTGGATATCATCACTTATCTGGTATTTGCAGTCACCTTTGTCCTCGGGTCTGGGCAACGGCTTGT  
GATCTGGGTGGCTGGATCCGGATGACACACAGTCACCACCATCAGTTACCTGAACCTGGCCGTGGCT  
GACTTCTGTTTCACCTCCACTTTGCCATCTTCATGGTCAGGAAGGCCATGGGAGGACATTGGCCTTTCC  
GCTGGTTCCTGTGCAAATTCGTCTTACCATAGTGACATCAACTGTTCCGGAAGTGTCTTCTGATCGC  
CCTCATTGCTCTGGACCGCTGTGTTGCGTCTGCATCCAGTCTGGACCCAGAACCACCGCACCGTGAGC  
CTGGCCAAGAAGGTGATCATTGGGCCCTGGGTGATGGCTCTGCTCCTCACATTGCCAGTTATCATTCTGT  
TGACTACAGTACCTGGTAAAACGGGGACAGTAGCCTGCACTTTTAACTTTTCGCCCTGGACCAACGACCC  
TAAAGAGAGGATAAATGTGGCCGTTGCCATGTTGACGGTGAGAGGCATCATCCGGTTCATCATTGGCTTC  
AGCGCACCCATGTCCATCGTTGCTGTGAGTTATGGGCTTATTGCCACCAAGATCCACAAGCAAGGCTTGA  
TTAAGTCCAGTCGTCCCTTACGGGTCCTCTCCTTTGTGCGAGCAGCCTTTTTCTCTGCTGGTCCCATA  
TCAGGTGGTGGCCCTTATAGCCACAGTCAGAATCCGTGAGTTATTGCAAGGCATGTACAAGAAATTTGTT  
ATTGCAGTGGATGTGACAAGTGGCCTGGCCTTCTCAACAGCTGCCTCAACCCCATGCTCTATGTCTTCA  
TGGCCAGGACTTCCGGGAGAGGCTGATCCACGCCCTTCCCGCCAGTCTGGAGAGGGCCCTGACCCGAGGA  
CTCAACCCAAACCAGTGACACAGCTACCAATTCTACTTTACCTTCTGCAGAGGTGGAGTTACAGGCAAAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG232548 representing NM\_001193306  
 Red=Cloning site Green=Tags(s)

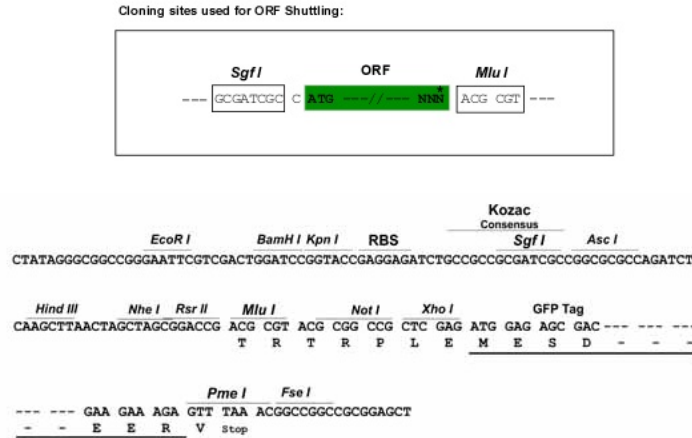
METNSSLPTNISGGTPAVSAGYLFDIITYLVFAVTFVLGVLGNGLVIWVAGFRMTHVTVTISYLNLA  
 VDFCFTSTLPPFFMVRKAMGGHWPFGWFLCKFVFTIVDINLFGSVFLIALIALDRCVCVLPVWV  
 TQNHRTVSLAKKVIIGPWVMAALLLTLPIVIRVTTVPKGTGTVACTFNFSPWTPKERINVAVAM  
 LTVRGIIRFIIGFSAPMSIVAVSYGLIATKIHKQGLIKSSRPLRVL SFVAAAFFLWCSPYQVVA  
 LIATVRIRELLQGMKEIGIAVDVTSALAFFNSCLNPMLYVFMGQDFRERLIHALPASLERALTE  
 DSTQTSDTATNSTLPSAEVELQAK

TRTRPLE - GFP Tag - V

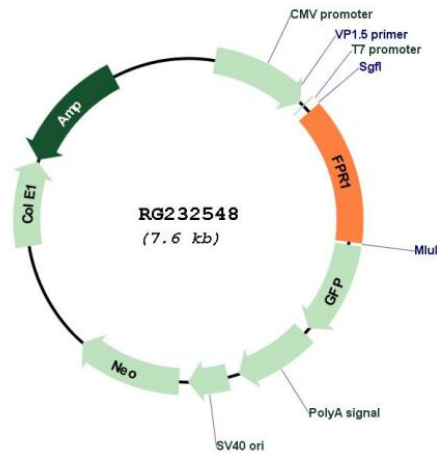
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001193306

ORF Size: 1050 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_001193306.2</a>
<b>RefSeq Size:</b>	1371 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	2357
<b>UniProt ID:</b>	<a href="#">P21462</a>
<b>Cytogenetics:</b>	19q13.41
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Neuroactive ligand-receptor interaction
<b>Gene Summary:</b>	This gene encodes a G protein-coupled receptor of mammalian phagocytic cells that is a member of the G-protein coupled receptor 1 family. The protein mediates the response of phagocytic cells to invasion of the host by microorganisms and is important in host defense and inflammation.[provided by RefSeq, Jul 2010]