

Product datasheet for **SC324418**

FPR1 (NM_002029) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FPR1 (NM_002029) Human Untagged Clone
Tag: Tag Free
Symbol: FPR1
Synonyms: FMLP; FPR
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_002029.3
 AGAGCCTGAGTCACTCTCCCCAGGAGACCCAGACCTAGAACTACCCAGAGCAAGACCACA
 GCTGGTGAACAGTCCAGGAGCAGACAAGATGGAGACAAATTCCTCTCTCCCCACGAACAT
 CTCTGGAGGGACACCTGCTGTATCTGCTGGCTATCTCTTCTGGATATCATCACTTATCT
 GGTATTTGCAGTCACTTTGTCCTCGGGTCTGGCAACGGGCTTGTGATCTGGGTGGC
 TGGATTCCGGATGACACACACAGTCAACCACATCAGTTACCTGAACCTGGCCGTGGCTGA
 CTTCTGTTTCACCTCCACTTTGCCATTCTTCATGGTCAGGAAGGCCATGGGAGGACATTG
 GCCTTTCCGGCTGGTTCTGTGCAAATTCGTCTTACCATAGTGGACATCAACTTGTTCGG
 AAGTGTCTTCTGATCGCCCTCATTGCTCTGGACCGCTGTGTTTGGCTCCTGCATCCAGT
 CTGGACCCAGAACCACCGCACCGTGAGCCTGGCCAAGAAGGTGATCATTGGGCCCTGGGT
 GATGGCTCTGCTCCTCACATTGCCAGTTATCATTTCGTGTGACTACAGTACCTGGTAAAAC
 GGGGACAGTAGCCTGCACTTTTAACTTTTCGCCCTGGACCAACGACCCTAAAGAGAGGAT
 AAATGTGGCCGTTGCCATGTTGACGGTGAGAGGCATCATCCGGTTCATCATTGGCTTCAG
 CGCACCCATGTCCATCGTTGCTGTCAGTTATGGGCTTATTGCCACCAAGATCCACAAGCA
 AGGCTTGATTAAGTCCAGTCGTCCTTACGGGTCTCTCCTTTGTGCGCAGCAGCCTTTTT
 TCTCTGCTGGTCCCATATCAGGTGGTGGCCCTTATAGCCACAGTCAAGATCCGTGAGTT
 ATTGCAAGGCATGTACAAAGAAATGGTATTGCAGTGGATGTGACAAGTGCCTGGCCTT
 CTTCAACAGCTGCCTCAACCCCATGCTCTATGTCTTATGGGCCAGGACTTCCGGGAGAG
 GCTGATCCACGCCCTTCCCGCCAGTCTGGAGAGGGCCCTGACCGAGGACTCAACCCAAAC
 TAGTGACACAGCTACCAATTCTACTTTACCTTCTGCAGAGGTGGAGTTACAGGCAAAGTG
 AGGAGGGAGCTGGGGGACACTTTCGAGCTCCAGCTCCAGCTTCTCACCCTTGAGTTA
 GGCTGAGCCACAGGCATTTCTGCTTATTTTAGGATTACCCACTCATCAGAAAAAAAAAA
 AAAAGCCTTTGTGCTCCCTGATTTGGGGAGAATAAACAGATATGAGTCCAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_002029
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA
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:	NM_002029.3 , NP_002020.1
RefSeq Size:	1334 bp
RefSeq ORF:	1053 bp
Locus ID:	2357
UniProt ID:	P21462
Cytogenetics:	19q13.41
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction

Gene Summary:

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]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.