

## Product datasheet for MR222639

### Fpr3 (NM\_008042) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Fpr3 (NM\_008042) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Fpr3  
 Synonyms: ALX; Fpr-rs1; Fpr-s1; Fprl1; LXA4-R; Lxa4r  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >MR222639 representing NM\_008042  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAACCAACTACTCTATCCCTTTGAATGGATCAGATGTGGTATCTATGATTCTACCATCTCCAGGG  
 TTCTGTGGATCCTCTCAATGGTGGTGTCTCCATCACTTTCTTCTTGGTGTGCTGGAAATGGACTAGT  
 GATCTGGGTAGCTGGATCCGGATGCCACACACTGTCACCACTATCTGGTATCTGAATCTAGCATTGGCT  
 GACTTCTCTTTCACAGCAACTCTACCATTCTTCTTGTGAAATGGCTATGAAAGAAAAATGGCCTTTTG  
 GCTGGTTCCTGTGAAATTAGTTCACATTGCAGTAGATGTAACCTATTTGGAAGTGTCTTCTTGATTGC  
 TGTCAATTGCCTTGACCGCTGTATTTGTGTCCTGCATCCAGTCTGGGCTCAGAACCACCGCACTGTGAGC  
 CTGGCTAGAAATGTGGTTGTTGGTCTGGATTTTGGCTCATTCTCACTTTGCCCTTTTCTCTTCT  
 TGACTACAGTTAGAGATGCTAGAGGGGATGTGCACTGTAGATTGAGCTTTGTATCCTGGGCAACTCTGT  
 TGAGGAAAGGTTGAACACAGCTATCACGTTTGTAACTAGAGGGATCATCAGGTTTATTGTTAGCTTC  
 AGCTTGCCCATGTCCTTTGTTGCCATCTGCTATGGACTCATCACTACAAAGATTCACAAAAAGCCTTTG  
 TTAATTCAGCCGTCCTTTCCGAGTCTTACAGGAGTTGTGGCTTCCTTCTTTATCTGTTGGTTTCCTTT  
 CCAATTTGGTGGCCTTTTAGGCACAGCTGGCTCAAAGAGATGCAGTTTGTGGTGTGTTATAAAATTATT  
 GGCAGGTTGGTTAATCCAACAGTTCATTGGCCTTTTCAATAGCTGCCTCAATCCAATCTCTATGTTT  
 TCATGGGCCAGGACTTTCAAGAAAGACTGATTCATTCCCTGTCTTCTCGTCTGCAGAGGCCCTGAGTGA  
 GGACTCTGGTCATATCAGTGATACAAGAACCAATTTGGCTTCACTTCTGAAGACATTGAAATAAAGGCA  
 ATA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR222639 representing NM\_008042  
Red=Cloning site Green=Tags(s)

METNYSIPLNGSDVVIYDSTISRVLWILSMVVVSITFFLGVLGNGLVIWVAGFRMPHTVTTIWYLNLALA  
 DFSFTATLPFLLEVAMKEKWPFGWFLCKLVHIAVDVNLFGSVFLIAVIALDRCICVLHPVWAQNHRTVS  
 LARNVVVGSWIFALILTLPLFLFTTVRDARGDVHCRSLFVSWGNSVEERLNTAITFVTTTRGIIRFIVSF  
 SLPMSFVAICYGLITTKIHKKAFVNSSRPFRVL TGVVASFFICWFPFQLVALLGTVWLKEMQFSGSYKII  
 GRLVNPSSLAFFNSCLNPILYVFMGQDFQERLIHLSLSSLQRALSEDSGHI SDTRTNLASELPEDIEIKA  
 I

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9019\\_h06.zip](https://cdn.origene.com/chromatograms/mm9019_h06.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_008042

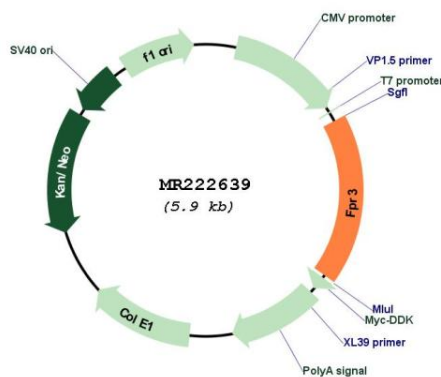
**ORF Size:** 1053 bp

**OTI Disclaimer:** 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](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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\\_008042.2](#), [NP\\_032068.2](#)
- RefSeq Size:** 1220 bp
- RefSeq ORF:** 1056 bp
- Locus ID:** 14294
- UniProt ID:** [O08790](#)
- Cytogenetics:** 17 A3.2
- MW:** 40 kDa
- Gene Summary:** Low affinity receptor for N-formyl-methionyl peptides. Receptor for lipoxin A4. May have an olfactory function associated with the identification of pathogens or of pathogenic states. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR222639