

Product datasheet for **MG222639**

Fpr3 (NM_008042) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fpr3 (NM_008042) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fpr3
Synonyms:	ALX; Fpr-rs1; Fpr-s1; Fprl1; LXA4-R; Lxa4r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG222639 representing NM_008042 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCAACTACTCTATCCCTTTGAATGGATCAGATGTGGTATCTATGATTCTACCATCTCCAGGG
TTCTGTGGATCCTCTCAATGGTGGTTGTCTCCATCACTTTCTTCCTTGGTGTGCTGGAAATGGACTAGT
GATCTGGGTAGCTGGATCCGGATGCCACACACTGTCACCACTATCTGGTATCTGAATCTAGCATTGGCT
GACTTCTCTTTCACAGCAACTCTACCATTCTTCTTGTGAAATGGCTATGAAAGAAAAATGGCCTTTTG
GCTGGTTCCTGTGTAATTAGTTCACATTGCAGTAGATGTAACCTATTTGGAAGTGTCTTCTTGATTGC
TGTCAATTGCCTTGACCGCTGTATTTGTGTCCTGCATCCAGTCTGGGCTCAGAACCACCGCACTGTGAGC
CTGGCTAGAAATGTGGTTGTTGGTCTGGATTTTGGCTCATTCTCACTTTGCCCTTTTCTCTTCT
TGACTACAGTTAGAGATGCTAGAGGGGATGTGCACTGTAGATTGAGCTTTGTATCCTGGGCAACTCTGT
TGAGGAAAGGTTGAACACAGCTATCACGTTTGTAACTAGAGGGATCATCAGGTTTATTGTTAGCTTC
AGCTTGCCCATGTCCTTTGTTGCCATCTGCTATGGACTCATCACTACAAAGATTCACAAAAAGCCTTTG
TTAATTCAGCCGTCCTTTCCGAGTCTTACAGGAGTTGTGGCTTCCTTCTTTATCTGTTGGTTTCTTT
CCAATTTGGTGGCCTTTTAGGCACAGCTGGCTCAAAGAGATGCAGTTTGTGGTGTGTTATAAAATTATT
GGCAGTTGGTTAATCCAACAGTTCATTGGCCTTTTCAATAGCTGCCTCAATCCAATTCTCTATGTTT
TCATGGGCCAGGACTTTCAAGAAAGACTGATTCATTCCCTGTCTCTCGTCTGCAGAGGCCCTGAGTGA
GGACTCTGGTCATATCAGTGATACAAGAACCAATTTGGCTTCACTTCTGAAGACATTGAAATAAAGGCA
ATA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG222639 representing NM_008042
 Red=Cloning site Green=Tags(s)

METNYSIPLNGSDVVIYDSTISRVLWILSMVVVSITFFLGVLGNGLVIWVAGFRMPHTVTTIWYLNLALA
 DFSFTATLPFLLEVAMKEKWPFGWFLCKLVHIAVDVNLFGSVFLIAVIALDRCICVLPVWAQNHRTVS
 LARNVVVGSWIFALILTLPLFLFTTVRDARGDVHCRLSFVSWGNSVEERLNTAITFVTRGIIIRFIVSF
 SLPMSFVAICYGLITTKIHKKAFVNSSRPFRVL TGVVASFFICWFPPQLVALLGTVWLKEMQFSGSYKII
 GRLVNPTSSLAFFNSCLNPILYVFMGQDFQERLIHLSRRLQRALSEDSGHI SDTRTNLASELPEDIEIKA
 I

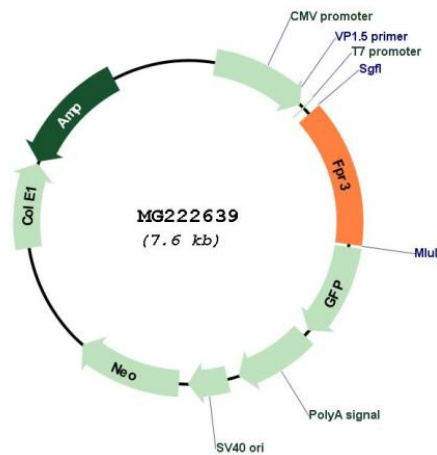
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_008042

ORF Size:	1053 bp
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 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:	<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_008042.2 , NP_032068.2
RefSeq Size:	1220 bp
RefSeq ORF:	1056 bp
Locus ID:	14294
UniProt ID:	O08790
Cytogenetics:	17 A3.2
Gene Summary:	<p>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]</p>