

Product datasheet for **MG215370**

Fpr-rs4 (NM_008041) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Fpr-rs4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG215370 representing NM_008041
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGTCAACATTTCAATGCCTCTGAATGGATCAGAAGTTGTGTTTTATGATTCTACCACCTCAAGAG
TTCTATGGATCCTCTCATTAGTGGTTCTCTTTATAACCTTTGTCCTCGGTGTTCTAGGTAATGGGCTTGT
GATTTGGGTGGCTGGGTTCCAGATGGCACACACTGTGACCACTGTCTCTTATCTGAACCTGGCTTTGAGT
GATTTATCTTTTCATGGCTACTCTACCACTTCACATCATCTCAATGGTCATGAGAGGAAAAATGGCTTTTTG
GTTGGTTTCTTTGCAAATTAGTTCACATAATTGCAAACATAAACCTTTTTGTAAGTATCTTCCTAATCAC
TCTTATTGCCATGGATCGCTGTATTTGTGTCCTGTGCCAGTATGGTCTCAGAATCACCGAAGTGTGAGT
CTGGCCAGAAAAGTGGTTCTTGGAGCTGGATATTTGCTCTGCTGCTTACCTTGCCACATTTTCTCTTCT
TGACTACAGTGAGAGATGCAAGAGGGGATGTGACTGTATATCTAAATTTGAATCCTGGGTTGCAACCTC
TGAAGAGCAGTTAAAGGTGTCTGTTATTGCTGCCACAGCTTCAGGAATCATCAATTTCAATTATTGGATTC
AGCATGCCCATGTCTTTCAATTGCTATCTGCTATGGACTCATGGCTGCCAAGATCTGCAGAAGAGGCTTTG
TGAATTCAGTCTGCTTTACGTGTCTCACTGCTGTAGCAGTTTCTTTCTTTGCTGTTGGTCCCTTT
TCAATTAATTATGCTTTTAGGCAACATCTTTAAACAATGAGACACTGAGCATTATTCATATGTTGGTTAAC
CCAGCAAATACCTTGCTTCTTTAACAGCTGCCTCAACCAATACTCTATGTATTCCTGGGTCAGGAAT
TCAGAGACAGACTAATCTATTCTCTGTATGCCAGTCTAGAGAGGGCCCTGAGGGAAGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >MG215370 representing NM_008041
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MEVNISMP L N G S E V V F Y D S T T S R V L W I L S L V V L F I T F V L G V L G N L V I W V A G F Q M A H T V T T V S Y L N L A L S
 D L S F M A T L P L H I I S M V M R G K W L F G W F L C K L V H I I A N I N L F V S I F L I T L I A M D R C I C V L C P V W S Q N H R T V S
 L A R K V V L G A W I F A L L L T L P H F L F L T T V R D A R G D V Y C I S K F E S W V A T S E E Q L K V S V I A A T A S G I I N F I I G F
 S M P M S F I A I C Y G L M A A K I C R R G F V N S R P L R V L T A V A V S F F V C W F P F Q L I M L L G N I F N N E T L S I I H M L V N
 P A N T L A S F N S C L N P I L Y V F L G Q E F R D R L I Y S L Y A S L E R A L R E D

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_008041

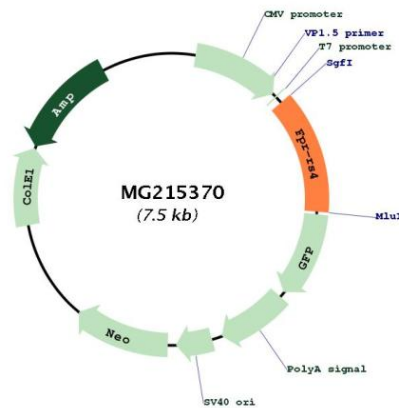
ORF Size: 969 bp

OTI Disclaimer: 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:	<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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_008041.2 , NP_032067.2
RefSeq Size:	972 bp
RefSeq ORF:	972 bp
Locus ID:	14291
UniProt ID:	A4FUQ5
Cytogenetics:	17 A3.2
Gene Summary:	May have an olfactory function associated with the identification of pathogens or of pathogenic states.[UniProtKB/Swiss-Prot Function]

Product images:

Circular map for MG215370