

Product datasheet for **MR221675L4V**

Fpr1 (NM_013521) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fpr1 (NM_013521) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fpr1
Synonyms:	fMLF-R; FPR; LXA4R
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013521
ORF Size:	1092 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221675).
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.
RefSeq:	NM_013521.2 , NP_038549.1
RefSeq Size:	1332 bp
RefSeq ORF:	1095 bp
Locus ID:	14293
UniProt ID:	P33766
Cytogenetics:	17 10.63 cM



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Gene Summary:

High affinity receptor for N-formyl-methionyl peptides (fMLP), which are powerful neutrophil chemotactic factors. Binding of fMLP to the receptor stimulates intracellular calcium mobilization and superoxide anion release. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Receptor for TFAA4, mediates its effects on chemoattracting macrophages, promoting phagocytosis and increasing ROS release (By similarity).[UniProtKB/Swiss-Prot Function]