

Product datasheet for MR221675

Fpr1 (NM_013521) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fpr1 (NM_013521) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fpr1
Synonyms:	fMLF-R; FPR; LXA4R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR221675 representing NM_013521 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACACCAACATGTCTCTCCTCATGAACAAGTCTGCAGTGAACCTCATGAATGTATCTGGGAGTACTC
AATCAGTATCTGCTGGCTACATCGTTCTGGATGTCTTCTCATATTTGATCTTTGCCGTCACATTTGCTCT
TGGGGTTCTGGCAACGGGCTCGTGATCTGGTGGCTGGTTCCGCATGAAACACACTGTCACCACCATC
TCTTACTTGAACCTGGCCATTGCTGACTTTTGCTTCACTTCCACTTTGCCATTTTACATTGCCAGCATGG
TCATGGGAGGACATTGGCCATTTGGTTGGTTCATGTGCAAATTCATATATACTGTAATAGACATAAACCT
ATTTGGAAGTGTCTTCTGATTGCCCTCATTGCACTGGACCGCTGATTTGTGTTCTGCATCCAGTCTGG
GCTCAGAACACCACGCACTGTGAGCCTAGCCAAGAAGGTAATCATCGTACCCTGGATTTGTGCATTTCTTC
TTACATTGCCAGTTATCATTTCGTTTGACCACAGTCCCTAATAGTAGACTTGGACCAGGAAAAACAGCCTG
TACTTTGACTTCTCCCTGGACCAAAGATCCTGTAGAGAAGAGGAAGGTGGCCGTCACCATGCTCACT
GTCAGAGGAATCATCAGGTTTCATCATTGGGTTGAGCACTCCCATGTCCATTGTTGCCATTTGCTATGGGT
TAATAACCACTAAAATTCACAGGCAGGGCCTGATCAAATCCAGCCGTCCTTTGCGGGTCTCTCCTTTGT
TGTGGCTGCCTTTTTCTCTGCTGGTGCCATTTCAAGTAGTGGCCCTCATATCCACAATCCAAGTCCGT
GAACGGTTGAAGAACATGACTCCAGGCATTGTAAGTCTTTGAAAATCACAAGCCCTTGGCTTTCTTCA
ACAGCTGCCTCAATCCAATGCTTTATGTCTTTATGGGCCAGGACTTCAGAGAAAGACTAATCCACTCTTT
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ACCAACTACTTCCCTTTCTGAAAACACTTTAAATGCAATG

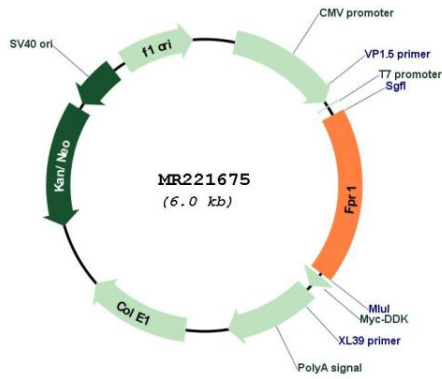
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_013521.2 , NP_038549.1
RefSeq Size:	1332 bp
RefSeq ORF:	1095 bp
Locus ID:	14293
UniProt ID:	P33766
Cytogenetics:	17 10.63 cM
MW:	40.8 kDa
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 TFA4, mediates its effects on chemoattracting macrophages, promoting phagocytosis and increasing ROS release (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR221675