

Product datasheet for MC208503

Fpr2 (NM_008039) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fpr2 (NM_008039) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fpr2
Synonyms:	E330010I07Rik; Fpr-rs2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208503 representing NM_008039 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAATCCAACACTCCATCCATCTGAATGGATCAGAAGTGGTGGTTTATGATTCTACCATCTCCAGAG
TTCTGTGGATCCTCTCAATGGTGGTGTCTCCATCACTTTCTTCCTTGGTGTGCTGGCAATGGACTAGT
GATTTGGGTAGCTGGATCCGGATGCCACACACTGTCACCACTATCTGGTATCTGAATCTAGCATTGGCT
GACTTTTCTTTCACAGCAACTCTACCATTCTTCTTGTGAAATGGCTATGAAAGAAAAATGGCCTTTTG
GCTGGTTCCTGTGTAATTAGTTCACATTGTGGTAGATGTAACCTGTTTGGAAAGTGTCTTCTTGATTGC
TCTCATTGCCTTGGACCGCTGCATTTGTGTTCTGCATCCAGTCTGGGCTCAGAACCACCGCACTGTGAGC
CTGGCTAGGAAGGTGGTTGTTGGGCCCTGGATTTTGTCTGATTCTCACTTTGCCATTTTTATTTTCT
TGACTACTGTTAGAATCCTGGAGGAGATGTGATTGTACATTCAACTTTGGATCCTGGGCTCAAACCTGA
TGAAGAAAAGTTGAACACAGCTATCACTTTTGTAACTAGAGGGATCATCAGGTTCTTATTGGTTTC
AGCATGCCCATGTCAATTGTTGCTGTTTGTATGGACTCATTGCTGTCAAGATCAACAGAAGAAACCTTG
TTAATTCAGCCGCTCCTTACGAGTCCTTACAGCAGTTGTGGCTTCTTCTTTATCTGCTGGTTCCCTT
TCAGCTTGTGGCCCTTTGGGCACAGCTGGTTTAAAGAGACATTGCTTAGTGGTAGTTATAAAATCTT
GACATGTTTGTAAACCAACAAGCTCATTGGCTTACTTCAATAGTTGTCTCAATCCGATGCTCTATGTTT
TCATGGGCCAGGACTTTTGTGAGAGATTTATTCATTCCCTATAGTCTTGAGAGAGCCCTGAGTGA
GGATTCTGGTCAAACCAGTGATTCAAGCACCAGTTCTACTTCACCTCTGCAGACATTGAGTTAAAGGCC
CCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_008039
Insert Size:	1056 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_008039.2 , NP_032065.1
RefSeq Size:	1296 bp
RefSeq ORF:	1056 bp
Locus ID:	14289
UniProt ID:	O88536
Cytogenetics:	17 A3.2
Gene Summary:	High affinity receptor for N-formyl-methionyl peptides (FMLP), which are powerful neutrophil chemotactic factors (PubMed:12218158, PubMed:10477558, PubMed:19387439). Stimulates chemotaxis in immune cells to site of infection or tissue damage upon recognition of several ligands, such as FMLP, or ligand involved in cell damage, disease or inflammation (PubMed:10477558, PubMed:19497865). Receptor for the chemokine-like protein FAM19A5, mediating FAM19A5-stimulated macrophage chemotaxis and the inhibitory effect on TNFSF11/RANKL-induced osteoclast differentiation (PubMed:29138422).[UniProtKB/Swiss-Prot Function]