

Product datasheet for **MC209250**

Ptafr (NM_001081211) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptafr (NM_001081211) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptafr
Synonyms:	P; PAFR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209250 representing NM_001081211 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCACAAATGGCTCCTTTCGTGTGGATTCTGAGTTTCGATACACGCTCTTCCGATTGTTTACAGTG
TCATCTTTATACTGGGGTGGTTGCCAACGGCTATGTGCTATGGGTCTTGGTAACTGTACCCTCCAA
GAACTAAATGAGATAAAGATCTTATGGTGAATCTCACTATGGCTGACCTGCTCTTCTGATCACCTC
CCACTGTGGATTGTCTACTACTACAACGAGGGCGACTGGATTCTACCCAACCTCCTGTGCAACGTGGCTG
GCTGCCTCTTCTCATCAATACCTACTGCAGTGTGGCCTTTTTGGGTGTCATCACTTATAACCGCTACCA
GGCAGTAGCCTATCCCATCAAGACTGCACAGGCCACCACCCGCAAGCGTGGCATCTCTTTGTCCCTGATC
ATTTGGGTATCCATTGTGGCTACTGCATCTCTATTTCTGGCCACAGACTCCACCAACCTAGTGCCCAATA
AGGATGGCTCAGGCAACATCACCCGCTGCTTGGAGCATTATGAGCCATACAGTGTGCCCATCCTTGTGT
TCATGTCTTATCGCCTTCTGCTTCTCCTCGTCTTCTCCTTATCTTCTACTGCAACTGGTGCATC
CACACGCTGCTCACGCAGCCATGAGGCAGCAGCGAAAGCGGGGTGAAGCGGAGGGCGCTGTGGATGG
TCTGCACGGTCTTGGCGGTATTCATCATCTGTTTTGTGCCCATCACGTGGTCCAGCTGCCCTGGACCCT
AGCAGAGTTGGGTACCAGACCAACTCCATCAGGCTATTAATGATGCCCATCAAATCACCTCTGCCTC
CTCAGCACCAACTGTGTCTTAGATCCCCTTATTCTATTGCTTTCTTACCAAGAAAGTCCGAAAGCACCTCA
GTGAGAAGTTTTACAGCATGCGCAGTAGCCGGAAGTGCTCCAGAGCCACGAGTGACACGTGCACCGAGGT
GATAGTGCCGCCAACAGACTCTATTGTGTCGCTGAAAAAT**TAA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001081211



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Insert Size:	1026 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:	<u>NM_001081211.2</u> , <u>NP_001074680.1</u>
RefSeq Size:	3660 bp
RefSeq ORF:	1026 bp
Locus ID:	19204
UniProt ID:	<u>Q62035</u>
Cytogenetics:	4 65.56 cM
Gene Summary:	This gene encodes a member of the G-protein coupled receptor 1 family of proteins. Binding of the encoded protein to its phospholipid ligand, platelet-activating factor (PAF), may regulate the inflammatory response and the perception of pain. Homozygous knockout mice for this gene exhibit impaired anaphylactic response, resistance to bacterial infection, and reduced pain-related behavior. [provided by RefSeq, Aug 2015]