

Product datasheet for **RN215504**

Aif1 (NM_017196) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aif1 (NM_017196) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aif1
Synonyms:	BART-1; Bart1; iba1; mrf-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215504 representing NM_017196 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCCAGAGCAAGGATTTGCAGGGAGGAAAAGCTTTTGGACTGCTGAAAGCCCAACAGGAAGAGAGGT
TGGATGGGATCAACAAGCACTTCCTCGATGATCCCAAGTACAGCAGTGATGAGGATCTGCAGTCCAACT
GGAGGCCCTCAAGACGAAGTACATGGAGTTTGATCTGAATGGCAATGGAGATATCGATATTATGTCCTTG
AAGCGAATGCTGGAGAACTTGGGGTCCCAAGACCCATCTAGAGCTGAAGAAATTAATTAGAGAGGTGT
CCAGTGGCTCCGAGGAGCGTTCAGTTACTCTGACTTTCTCAGAATGATGCTGGCAAGAGATCTGCCAT
CTTGAGAATGATTCTGATGATGAGGAGAAAAACAAGAACACCAGAAGCCAACCTGGTCCCCAGCCAAG
AAAGCTATTTCTGAGTTGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1588_c06.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_017196
Insert Size:	444 bp



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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_017196.3</u> , <u>NP_058892.1</u>
RefSeq Size:	686 bp
RefSeq ORF:	444 bp
Locus ID:	29427
UniProt ID:	<u>P55009</u>
Cytogenetics:	20p12
Gene Summary:	may play a role in macrophage activation and function [RGD, Feb 2006]