

Product datasheet for **MC206687**

Aggf1 (BC052410) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aggf1 (BC052410) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aggf1
Synonyms:	Peg3, VG5Q
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052410
 CTTCCGCTGGGTTTCGCTTTAGTTCTCCCGTCCGCTGGCTTCCCGGAGACTGTCACCGGGCGGGTGTCCGC
 GCGGCCCGGGTAGAGTCGGCTTCGTCCCAAGCTCGCAGTCCCGGCCCGCTTTCGGGGGCGACATGGC
 CGGGGCCCGCTGCGGTTCGTCCGAGCGTGAGGCCGCCCTCGCAGCCCGCGCTCCAGTGGCCCCCTGGGC
 CAGTGGGCCCGGTGTCGTCTAAGCAGCCCGTCCGCGCCCGCGGGCTCGGCGCTCACGGCCGCATGG
 CCTCCGAGGCGCCCTCGCCGCTTCGCCTTCTCCGCCCGCCCGCTTCCGGAGCCGGAGCTGGCGCA
 GCTCAGGCGGAAGTGGAGAAGTTGGAGCGGAGCTGCGGAGCTGCCGGAGGCAGGTGCGGGAGGTGGAG
 AAGCTGCTGCAGCACACGGAGCGACTCTACCGCAACGCCGAGAGCGACAACCAGGAGCTCCGCACGCAGG
 TAGAAGAACTTAGTAAAATACTCCATTGTGGGAAAAATGAAGATAATCCGAAGTCTGATGTAGAAGTACA
 GACAGAGAGCCAAGCTCCTTGGGCGATTTAGATTACTATCAGACATGTTATAATGACGACAGTCTT
 CCCAGTAAAGAGACGGAGCTGTGTGTACAGCAGAGTCAAGTGTCTCAGGCTTCCGCTTGTATCCTCAGG
 ACGAGTACACATAGACAGCGGGAGTTATGCTGGTGTGTGCCACAGAAGGTGTAGCCATAGACAGGA
 GGACGCCGTACCTCTGACTCACAGGAGAGTGTGTCCGCGCTAGCAGAAGGCCAGCACTCGAAGGGTCC
 TCGCTTGTGAGAGCTTGTAGAGTGCAGCGGAGGCTGTGTGTGCAGACCGGCTTACCTACGACGAGA
 GCACGGGCTTATATTTGACCACAGCACTGGTTTTCTATTATGATTCTGAAAACCAGCTGTATTATGACCC
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 AGTCCCTTACAGCTCACGGTGGCAGTGTAGTGGAGACACTGTGGAGTCTCCTGGAGATGATAACTCAGCGT
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 CCTGAAGTCCGCTGTAGTAAGTTCACCGCAGAAGTTTACTTCGACCATGACTTGCAAAGCTACGTTCTT
 GTGGATCAGGGCAGCCAGAATGGTACCATTGTCAACGGGAAACAGATTCTTCAGCCAAAACATAATGTG
 ATCCTTACGTCCTCGAACACGGCGACGAAGTGAATAATGGGGAGACTGTGCTGTCTTTTACATTACCC
 TGGCAGTGTGAGACGCGATGGCTGTGAGCCGGGGCAGGTGAGAGCTCACCTCCGCTCGATAGAAAGGAC
 GAGCCTCTGGTCCGCTCCAGCACTAAGTAAGGAGGAAAAAGAGTTGAAAAGAAGAAAAGCACTCAAGAAAA
 TACGAGTAAAGTATGGCTTGCAGAATACAGATTATGAAGCTGAAAAGCGTTGAAGAATCCTAAGTATAA
 AGACAGAGCTGAAAACGCAGGGAGCAGGTGGGAAGCGAAGGGACTTTCCAAAGAGATGACGCCCTGCG
 TCTGTTACTCTGAAATACAGATAGCAACAAAGGCCGAAAGATGTTGGAGAAGATGGGGTGGAAACGGG
 GAGAAGGCTGGGAAAGGACGGTGGAGGGATGAAAACGCCGATCCAGCTTTCAGCTTCGACGGACACATGC
 TGGCTTGGGGACAGGGAAGCTGTCTCGATTGATGACGTTACCTCATCCAGAATAAGAGCAAAAACAC
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 CAGTCCCGTGGGTGACAGGGACTGCAGAGTAAAGGCTGTCTGTACACGGGAACTTGGAGCTTCAAAG
 AGAAAGAGTTTAAAACCTCAGTGTAGAAGCTGTGTTCTAGAAAGTCACTGAGGAGAACTCTTAAGTGG
 ATGGCTACCTGATCGACACATGTGTGGGACATGTGGTTTGTAGCTTGTAGAAAGCAGTTCTTAAGTGG
 CTCGAAGGTGACAGGCACAGGAGAGCTGCCAGACCTTTGTTGTTGGCCTGTCACTCACCTGTTGGAGAG
 CAGCTGACCATGTGAGCAGCGCACATAACCACTAATGACTTCAGCGCGCGTGTCTGTCTGTGCATCAT
 TACCATGACACACAGATATCAGACATTTATAAAAACAATTCTATGTGTACTTGTTTACACCTTTTATAG
 CTTAGGTTTTTTTTTAAAAGTCGAGAAAACATGGGTAGTGGAGCCTAATTTTACTATCCTTGAATAA
 CTGCAAGTAAATAGTGAAGAATTGATGACAGGTGACAGATTGTAGGAAATAGTCTCACACTATTTTCT
 TCTGTGAAGAATGTTGTTGTACTACAGAGTCACTTTGCCTTTGGTTTGTCTAGCTGATGGAGTATTT
 CATATAGACGACTGAGTGCAGTGTGGCATATTCAGTATGCTAGCATTTTTGTATTTGATAAATACCATT
 GCAGGCAATGGGACTGTGCTCGAGAAATCTGATGACTAGGCAGATGGGTTACTAGGCCAAGGCTTCAA
 CATTTACTGGAATGTCTCAAATGCAATAAAAAAACATTTTTAAAAAATAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI
ACCN: BC052410
Insert Size: 2136 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:	BC052410 , AAH52410
RefSeq Size:	3213 bp
RefSeq ORF:	2136 bp
Locus ID:	66549
Cytogenetics:	13 D1
Gene Summary:	Promotes angiogenesis and the proliferation of endothelial cells. Able to bind to endothelial cells and promote cell proliferation, suggesting that it may act in an autocrine fashion (By similarity).[UniProtKB/Swiss-Prot Function]