

Product datasheet for **MC204232**

Agfg1 (NM_010472) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Agfg1 (NM_010472) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Agfg1
Synonyms:	AU045498; C85612; C130049H11Rik; D730048C23Rik; Hrb; RAB; Rip
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031154
GCGGGCGGTTGTCCCGCCCGCCGGTTGGTGTGACCGGTGCGCGCGTGTGCGCAGCTTCTCGCCTTGT
CCTGCCCGGCGGAGCCGAGCGGAGGCGGAGACCGGAGTCCGCGAGGGCGGAGGGCGGAGGCGGGCGGC
CAGGGCGGCCCGTGGGAAGGAGCGCGGGGCCCGGCAGCGCCGCGGCTCCCGGCCCTGCCGGCCTCT
CGGTGGAGCCGCGGCCATGGCGCCAGCGGAAGCGGAAGCAGGAGGAGAAGCACCTGAAGATGCTGCG
GGACATGACGGGCTGCCGCACAACCGCAAGTGTTCGACTGCGACCAGCGCGGCCACCTACGTGAAC
ATGACGGTGGCTCGTTCGTGTGCACCTCTGCTCCGGCAGCTGAGAGGGTTAAATCCACCTCACAGGG
TGAAATCTATCTCCATGACAACATTTACACAACAGGAAATTGAATTCCTACAAAAACATGGAAATGAAGT
CTGCAAAACAGATATGGCTAGGATTATTTGATGACAGATCTTCAGCAATTCAGACTTCAGGGATCCACAA
AAAGTGAAAGAGTTTCTACAAGAGAAATATGAAAAGAAAAGATGGTATGTTCCGCCAGAGCAAGCCAAAG
TGGTGGCCTCGTTCATGCGTCTATTTAGGGTCTTCTGCCAGCAGCACAAAGCAGCACCCCGGAGGTCAA
GCCCTGAAATCCCTGTTGGGAGAGTCTGCACCCGCACTGCACCTAAATAAGGGCACACCTAGTCAGTCC
CCAGTTGTAGGTCGCTCTCAAGGGCAGCAGCAGGAGAAGAAGCAGTTTGACCTTTTGAGTGATCTTGGCT
CAGACATCTTTGCTGCTCCAGCTCCTCAGTCAACAGCTACAGCCAATTTTGCTAACTTTGCACACTTTAA
CAGTCATGCACTCAGAATCTGCAAAATGCAGATTTTGCAAATTTGATGCATTTGGACAGTCTAGTGGT
TCGAGTAATTTTGAGGTTTCCCCACAGCAAGTCACTCTTCTTTTCAGCCCCAGACTACAGGTGGAAGTG
CTGGATCAGTAAATGCTAATTTTGTCTATTTTGATAACTTCCCAAAATCTCCAGTGCTGATTTTGGAAC
CTTCAGTACATCCAGAGTCATCAGACAGCATCAACTGTTAGTAAAGTTTCAACAAACAAAGCTGGTTTA
CAGACAGCAGACAAATATGCGGCACTTGCTAATTTAGACAATATCTTCAGTGCTGGGCAAGGAGGTGATC
AAGGGAGTGGTTTTGGGACCACGGGTAAGCTCCTGTTGGTCTGTGGTTTCAGTTCCCAGTCATTAAG
TGCATCTTCAGACAAGTATGCAGCCCTGGCAGAGTTAGACAGCGTGTTCAGCTCTGCAGCCACCTCCAGT
AATGCGTACACGCCACCAAGTAAATGCTAGCAGCAGTGTCTTTGGAACAGTGCCTGTGGGTGCCTCTGCTC
AGACACAACCTGCTTCAAGTGGTCTGCTCCGTTTGGGGCTACGCCTTCTACGAATCCATTTGTTGCTGC
TACTGGTCTTTGCGGCATCGTCTACAAACCCATTTTCAGACCAATGCCAGAGGAGCAACAGCGGCAACC
TTTGGCACCGCATCTATGAGTATGCCAGCAGGATTTGGCACTCCTGCCAGTATAGTCTCCCTACCAGCT
TTAGTGGCAGTTTCCAGCAGCCTGCCTTCCAGCCCAAGCAGCTTCCCTCAGCAGACAGCCTTTTCTCA
ACAGCCCAATGGTTTCCGCACGTTTGGCAAAACAAAACCAGTGGTAACCCCTTTTCGGTCAAGTAGCAGCT
GCTGGAGTGTCTAGTAATCCTTTTATGACTGGTGCGCCGACAGGACAACCTCCAACAGGAAGCTCATCCA
CCAACCCCTTTCTATAGCCTTACTTAGACTCTGTACCGGAACGAACGTTTATGTGACCATATTACATCTC
TTCGCTCTTGCAGTGTGCTTGTCTTCTACTGATCTTAGCTTTAAACATGAAAGAAGTCTTAAATGCC
TGCAGTGTGATTAACACCAGGTAATATGTGCAAAACAGAGGGCTCAGCAACAACCTTTCACTTGTGAA
TTGGCAGGAAAAGGTAGCGGCATCATGTAAGTTAAAAATTGGCTAATGTTAAGTTATTGCAGATCCACA
TTCATTATGCTGCAGTACTGTACATATTTTCTTAGAAATTAGCTATTTGTGCATATCAGTATTTGTAAC
TTTAAACATTGTTATGTGAGAAATGTTACTGGGAAATAGATGAGCCACTTTTAAAGGTGCTGTCATATA
GCTTGGAAATGAATGATTAATCAATTTGAAGCATTGCTTCTGGGAAATTCAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_010472

Insert Size: 1680 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:

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: [BC031154](#), [AAH31154](#)

RefSeq Size: 2375 bp

RefSeq ORF: 1680 bp

Locus ID: 15463

UniProt ID: [Q8K2K6](#)

Cytogenetics: 1 C5

Gene Summary: Required for vesicle docking or fusion during acrosome biogenesis. May play a role in RNA trafficking or localization.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.