

Product datasheet for **MC208088**

Agfg2 (NM_145566) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Agfg2 (NM_145566) Mouse Untagged Clone
Tag: Tag Free
Symbol: Agfg2
Synonyms: A630095P14Rik; Hrbl; RABR
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208088 representing NM_145566
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGGTGATGGCGGCTAAGAAGGGCCCGGGCCGGGTGGCGGGTCCGAGGGAGCAAAGCGGAGGCTGAAG
CCGCTTCGGAGGTGTGGTGCCCGGAGTGCAGGAGCTGGCGGGTGCAGCCAGGCCGGGAACCGCCACTG
TTTCGAGTGCGCCAGCGCGGGTACGTATGTGGACATCACCGTGGCAGCTTCGTCTGCACCACCTGC
TCCGGCTCCTGAGAGGCTGAACCCCTCATCGAGTCAAGTCAATCTCCATGACAACCTTCACCTGAGC
CTGAAGTCTGTTCTCCAATCTCGTGGAAATGAGGTCTGTCCGAAAATCTGGCTCGGTCTTTTGTATGC
TCGGACATCGTTGATACCAGATTCAGGGATCCTCAGAAGGTGAAGGAGTTTCTCCAAGAAAAATATGAG
AAAAAAGATGGTACGTCCCCCAGAGCAAGTCAAGGGGCCCTCTACAGCAAAGGCAGTGTCTCTGCTA
CCCCTGTCCAGGGCTCTGTCCCAGAAGGAAACCCATTCGGACACTTCTGGGAGACCCTGTGCCATCTCT
CTCTGATCCTGCTTCCACTTCAAGCCAGCCTGGGAGCCAGTCGCAGGCACGCAGCAGCTCGCAGGCCAGG
AGCTCCCAGCCTCTTCCATTCATCCACCAAGAAAGCCAGCACTGACCTGCTGGCGGATATCGGGGAG
ACCCCTTTGCTGCTCCCAGGTGGTGCCAGCCTTTGCCTATTCCAGGCTTTGGAGGTAAGTACTACCC
TGGGGCAGGAACCGTCTCCGCCGTATCTGTATTACTGCAAAGACATCATTAGTCCACCGGGCCCTAACT
TTTCTGTGTGGCTGGGGTCAAGGAGCAGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_145566
Insert Size: 873 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:	NM_145566.1 , NP_663541.1
RefSeq Size:	1497 bp
RefSeq ORF:	873 bp
Locus ID:	231801
Cytogenetics:	5 G2
Gene Summary:	This gene encodes a paralog of the HIV-1 Rev binding proteins that serve as cellular co-factors for HIV-1 Rev protein in shuttling viral pre-mRNAs from the nucleus to the cytoplasm. The encoded protein contains an ADP-ribosylation factor GTPase activating protein (Arf-GAP) zinc finger domain, several phenylalanine-glycine (FG) motifs and asparagine-proline-phenylalanine (NPF) motifs. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2014]