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Product datasheet for SC325198

AGFG1 (NM_001135188) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: AGFG1 (NM_001135188) Human Untagged Clone

Tag: Tag Free

Symbol: AGFG1

Synonyms: HRB; RAB; RIP

Vector: pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_001135188, the custom clone sequence may differ by one or more nucleotides

ATGGCGGCCAGCGCGAAGCGGAAGCAGGAGGAGAAGCACCTGAAGATGCTGCGGGACATG
ACCGGCCTCCCGCACAACCGAAAGTGCTTCGACTGCGACCAGCGCGGCCCCACCTACGTT
AACATGACGGTCGGCTCCTTCGTGTGTACCTCCTGCTCCGGCAGCCTGCGAGGATTAAAT
CCACCACACAGGGTGAAATCTATCTCCATGACAACATTCACACAACAGGAAATTGAATTC
TTACAAAAACATGGAAATGAAGTCTGTAAACAGATTTGGCTAGGATTATTTGATGATAGA
TCTTCAGCAATTCCAGACTTCAGGGATCCACAAAAAGTGAAAGAGTTTCTACAAGAAAAG
TATGAAAAGAAAAGATGGTATGTCCCGCCAGAACAAGCCAAAGTCGTGGCATCAGTTCAT
GCATCTATTTCAGGGTCCTCTGCCAGTAGCACAAGCAGCACACCTGAGGTCAAACCACTG
AAATCTCTTTTAGGGGATTCTGCACCAACACTGCACTTAAATAAGGGCACACCTAGTCAG
TCCCCAGTTGTAGGTCGTTCTCAAGGGCAGCAGCAGGAGAAGAAGCAATTTGACCTTTTA
AGTGATCTCGGCTCAGACATCTTTGCTGCTCCAGCTCCTCAGTCAACAGCTACAGCCAAT
TTTGCTAACTTTGCACATTTCAACAGTCATGCAGCTCAGAATTCTGCAAATGCAGATTTT
GCAAACTTTGATGCATTTGGACAGTCTAGTGGTTCGAGTAATTTTGGAGGTTTCCCCACA
GCAAGTCACTCTCCTTTTCAGCCCCAAACTACAGGTGGAAGTGCTGCATCAGTAAATGCT
AATTTTGCTCATTTTGATAACTTCCCCAAATCCTCCAGTGCTGATTTTGGAACCTTCAAT
ACTTCCCAGAGTCATCAAACAGCATCAGCTGTTAGTAAAGTTTCAACGAACAAAGCTGGT
TTACAGACTGCAGACAAATATGCAGCACTTGCTAATTTAGACAATATCTTCAGTGCCGGG
CAAGGTGGTGATCAGGGAAGTGGCTTTGGGACCACAGGTAAAGCTCCTGTTGGTTCTGTG
GTTTCAGTTCCCAGTCAGTCAAGTGCATCTTCAGACAAGTATGCAGCTCTGGCAGAACTA
GACAGCGTTTTCAGTTCTGCAGCCACCTCCAGTAATGCGTATACTTCCACAAGTAATGCT
AGCAGCAATGTTTTTGGAACAGTGCCAGTGGTTGCTTCTGCACAGACACAGCCTGCTTCA
TCAAGTGTGCCTGCTCCATTTGGAGCTACGCCTTCCACAAATCCATTTGTTGCTGCTGCT
GGTCCTTCTGTGGCATCTTCTACAAACCCATTTCAGACCAATGCCAGAGGAGCAACAGCG
GCAACCTTTGGCACTGCATCCATGAGCATGCCCACAGGATTCGGCACTCCTGCTCCCTAC
AGTCTTCCCACCAGCTTTAGTGGCAGCTTTCAGCAGCCTGCCTTTCCAGCCCAAGCAGCT
TTCCCTCAACAGACAGCTTTTTCTCAACAGCCCAATGGTTTTGCAGCATTTGGACAAACA
AAGCCAGTAGTAACCCCTTTTGGTCAAGTTGCAGCTGCTGGAGTATCTAGTAATCCTTTT
ATGACTGGTGCACCAACAGGACAATTTCCAACAGGAAGCTCATCAACCAATCCTTTCTTA

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Restriction Sites:	Please inquire
ACCN:	NM_001135188
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_001135188.1, NP_001128660.1
RefSeq Size:	8678 bp
RefSeq ORF:	1683 bp
Locus ID:	3267
UniProt ID:	P52594
Cytogenetics:	2q36.3
Gene Summary:	The protein encoded by this gene is related to nucleoporins, a class of proteins that mediate nucleocytoplasmic transport. The encoded protein binds the activation domain of the human immunodeficiency virus Rev protein when Rev is assembled onto its RNA target, and is required for the nuclear export of Rev-directed RNAs. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008] Transcript Variant: This variant (3) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1, resulting in a shorter protein (isoform 3), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.