

Product datasheet for **RG231016**

AIF1L (NM_001185095) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: AIF1L (NM_001185095) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: AIF1L
Synonyms: C9orf58; IBA2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG231016 representing NM_001185095
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGGCGAGCTCAGCAACAGGTTCCAAGGAGGGAAGGCGTTCGGCTTGCTCAAAGCCCGCAGGAGA
 GGAGGCTGGCCGAGATCAACCGTACTGTGCAGGGAGGGAGCCGAGCTACAGAGATTTTCATGTTCCCA
 GCACAGCTGCTTGTGGCTCTGCTGTTTCAGGAGTTTCTGTGTGACCAGAAGTACAGTGAAGAGAAC
 CTTCAGAAAAGCTCACAGCCTCAAAGAGAAGTACATGGAGTTTGACCTGAACAATGAAGGCGAGATTG
 ACCTGATGTCTTTAAAGAGGATGATGGAGAAGCTTGGTGTCCCAAGACCCACCTGGAGATGAAGAAGAT
 GATCTCAGAGGTGACAGGAGGGTCAAGTACACTATATCCTACCGAGACTTTGTGAACATGATGCTGGGG
 AAACGGTCGGCTGTCTCAAGTTAGTCATGATGTTTGAAGGAAAAGCCAACGAGAGCAGCCCAAGCCAG
 TTGGCCCCCTCCAGAGAGAGACATTGCTAGCCTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG231016 representing NM_001185095
 Red=Cloning site Green=Tags(s)

MSGELSNRFQGGKAFGLLKARQERRLAENRYCAGREPQLQRISCSQHSCLLALLFQEFLCDQKYSDEEN
 LPEKLTAFKEKYMFDLNNEGEIDLMSLKRMEKLGVPKTHLEMKKMISEVTGGVSDTISYRDFVNMMLG
 KRSAVLKLVMFEGKANESSPKPVGPPPERDIASLP

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_001185095.1</u> , <u>NP_001172024.1</u>
RefSeq Size:	3533 bp
RefSeq ORF:	531 bp
Locus ID:	83543
UniProt ID:	<u>Q9BQI0</u>
Cytogenetics:	9q34.12-q34.13
Gene Summary:	Actin-binding protein that promotes actin bundling. May neither bind calcium nor depend on calcium for function.[UniProtKB/Swiss-Prot Function]