

Product datasheet for **RG235925**

AIG1 (NM_001286588) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: AIG1 (NM_001286588) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: AIG1
Synonyms: AIG-1; dj95L4.1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235925 representing NM_001286588.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCTGTCCCTGCCAGGTGCTGCCGATGGCAATCCTGCTGTCTTACTGCTCTATCCTGTGTAAC
TACAAGGCCATCGAAATGCCCTCACACCAGACCTACGGAGGGAGCTGAAATTCCTGACGTTATTGAT
CTGGTTATCCAGGCTGTCTTTTTTGGCATCTGTGTGCTGACTGATCTTCCAGTCTTCTGACTCGAGGA
AGTGGGAACCAGGAGCAAGAGAGGCAGCTCAAGAAGCTCATCTCTCCGGGACTGGATGTTAGCTGTG
TTGGCCTTCTGTTGGGGTTTTTGTGTAGCAGTGTCTGGATCATTTATGCCTATGACAGAGAGATG
ATATACCGAAGCTGCTGGATAATTTATCCCAGGGTGGCTGAATCACGGAATGCTA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235925
Blue=ORF Red=Cloning site Green=Tag(s)

```
MALVPCQVLRMAILLSYCSILCNYKAIEMPSHQTYGGSWKFLTFIDLVIQAVFFGICVLTDLSSLLTRG
SGNQEQERQLKKLISLRDWMLAVLAFVGVFVAVFWIIYAYDREMIYPKLLDNFIPGWLNHGML
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001286588

ORF Size: 402 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM_001286588.2](#)

RefSeq Size: 3715 bp

RefSeq ORF: 405 bp

Locus ID: 51390

UniProt ID: [Q9NVV5](#)

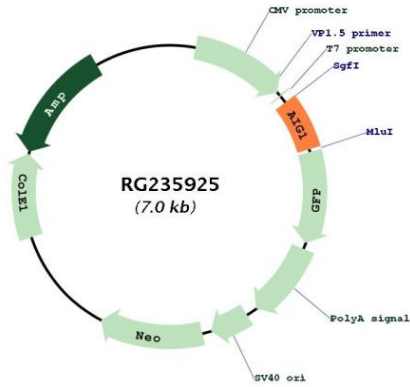
Cytogenetics: 6q24.2

Protein Families: Transmembrane

MW: 15.8 kDa

Gene Summary: May play a role in androgen-regulated growth of hair follicles.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG235925