

Product datasheet for **RG236727**

AIG1 (NM_001286587) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AIG1 (NM_001286587) 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:	>RG236727 representing NM_001286587. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAATCCTGCTGTCTTACTGCTCTATCCTGTGTAACTACAAGGCCATCGAAATGCCCTCACACCAG
ACCTACGGAGGGAGCTGGAAATTCCTGACGTTCATTGATCTGGTTATCCAGGCTGTCTTTTTGGCATC
TGTGTGCTGACTGATCTTCCAGTCTTCTGACTCGAGGAAGTGGGAACCAGGAGCAAGAGAGGCAGCTC
AAGAAGCTCATCTCTCCGGGACTGGATGTTAGCTGTGTTGGCCTTTCCTGTTGGGTTTTTTGTTGTA
GCAGTGTCTGGATCATTTATGCCTATGACAGAGAGATGATATACCCGAAGCTGTGGATAATTTTATC
CCAGGGTGGCTGAATCACGGAATGCACAGACGGTTCTGCCCTTATATTAATCGAGATGAGGACATCG
CACCATCAGTATCCAGCAGGAGCAGCGGACTTACCGCCATATGTACCTTCTGTGGCTATATATTA
TGGGTGTGCTGGGTGCATCATGTAACTGGCATGTGGGTGTACCCTTTCCTGGAACACATTGGCCCAGGA
GCCAGAATCATCTTCTTTGGGTCTACAACCATCTTAATGAACTTCTGTACCTGCTGGGAGAAGTTCTG
AACAACTATATCTGGGATACACAGAAAAGTATGGAAAGAGAGAAAAGAAAAGCCTAAATTTGGAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



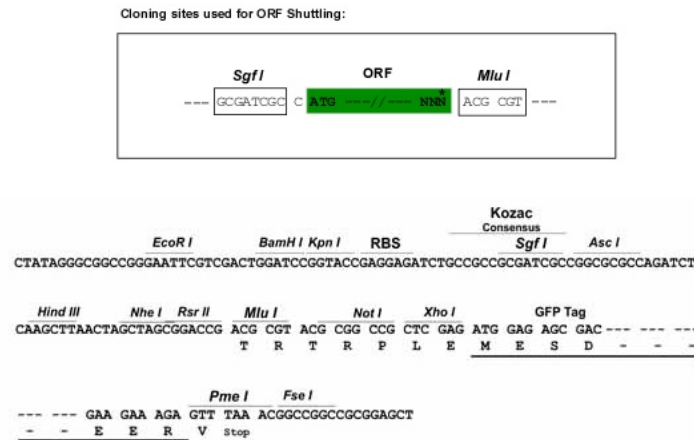
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236727
 Blue=ORF Red=Cloning site Green=Tag(s)

MAILLSYCSILCNYKAIEMPSHQTYGGSWKFLTFIDLVIQAVFFGICVL TDLSSLLTRGSGNQEQERQL
 KKLISLRDWMLAVLAFPVGVFVAVFWI IYAYDREMIYPKLLDNFIPGWLNHGMHTTVLPFIL IEMRTS
 HHQYPSRSSGLTAICTFSVGYILWVCWVHHVTGMWVYFLEHIGPGARI IFFGSTILMFLYLLGEVL
 NNYIWDTQKSMEEKEKPKLE
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVI GDFKVMGTGFPE
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286587

ORF Size: 684 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.

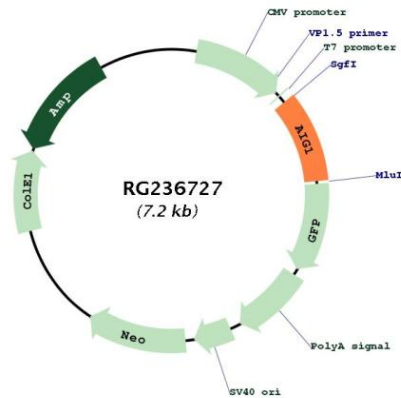
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001286587.1](#), [NP_001273516.1](#)

RefSeq Size: 1422 bp

RefSeq ORF: 687 bp

Locus ID: 51390
UniProt ID: [Q9NWX5](#)
Cytogenetics: 6q24.2
Protein Families: Transmembrane
MW: 26.8 kDa
Gene Summary: May play a role in androgen-regulated growth of hair follicles.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG236727