

## Product datasheet for **SC333819**

### **AIG1 (NM\_001286588) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AIG1 (NM_001286588) Human Untagged Clone
Tag:	Tag Free
Symbol:	AIG1
Synonyms:	AIG-1; dj95L4.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333819 representing NM_001286588. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGCTGTCCCTGCCAGGTGCTGCGGATGGCAATCCTGCTGTCTTACTGCTCTATCCTGTGTAAC
TACAAGGCCATCGAAATGCCCTCACACCAGACCTACGGAGGGAGCTGAAATTCCTGACGTTCAATTGAT
CTGGTTATCCAGGCTGTCTTTTTGGCATCTGTGTGCTGACTGATCTTCCAGTCTTCTGACTCGAGGA
AGTGGGAACAGGAGCAAGAGAGGCAGCTCAAGAAGCTCATCTCTCCGGGACTGGATGTTAGCTGTG
TTGGCCTTTCCTGTTGGGGTTTTGTTGTAGCAGTGTCTGGATCATTTATGCCTATGACAGAGAGATG
ATATACCGAAGCTGCTGGATAATTTATCCAGGGTGGCTGAATCACGGAAATGCTATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCCGC
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001286588
Insert Size:	405 bp
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).



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**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\\_001286588.1](#)

**RefSeq Size:** 3715 bp

**RefSeq ORF:** 405 bp

**Locus ID:** 51390

**UniProt ID:** [Q9NVV5](#)

**Cytogenetics:** 6q24.2

**Protein Families:** Transmembrane

**MW:** 15.3 kDa

**Gene Summary:** May play a role in androgen-regulated growth of hair follicles.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (3) lacks multiple 3' exons but contains an alternate 3' exon, and it thus differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (c) has a distinct C-terminus and is shorter than isoform a.