

Product datasheet for **SC320542**

AIG1 (NM_016108) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: AIG1 (NM_016108) Human Untagged Clone
Tag: Tag Free
Symbol: AIG1
Synonyms: AIG-1; dj95L4.1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016108.2
 AGGCCTCTGGCGAACATGGCGCTTGTCCCCTGCCAGGTGCTGCGGATGGCAATCCTGCTG
 TCTTACTGCTCTATCCTGTGTAACATAAGGCCATCGAAATGCCCTCACACCAGACCTAC
 GGAGGGAGCTGGAAATTCCTGACGTTTCATTGATCTGGTTATCCAGGCTGTCTTTTTGGC
 ATCTGTGTGCTGACTGATCTTTCCAGTCTTCTGACTCGAGGAAGTGGAACCCAGGAGCAA
 GAGAGGCAGCTCAAGAAGCTCATCTCTCTCCGGGACTGGATGTTAGCTGTGTTGGCCTTT
 CCTGTTGGGGTTTTGTTGTAGCAGTGTCTGGATCATTATGCCTATGACAGAGAGATG
 ATATACCCGAAGCTGCTGGATAATTTTATCCCAGGGTGGTGAATCACGGAATGCACACG
 ACGTTTCTGCCCTTATATTAATCGAGATGAGGACATCGACCATCAGTATCCCAGCAGG
 AGCAGCGGACTTACCGCCATATGTACCTTCTCTGTTGGCTATATATTATGGGTGTGCTGG
 GTGCATCATGTAAGTGGCATGTGGGTGTACCCTTCTGGAACACATTGGCCCAGGAGCC
 AGAATCATCTTCTTTGGGTCTACAACCATCTTAATGAACTTCTGTACCTGCTGGGAGAA
 GTTCTGAACAACATATCTGGGATACACAGAAAAGTATGGAAGAAGAGAAAAGAAAAGCCT
 AAATTGGAATGAGATCCAAGTCTAAACGCAAGAGCTAGATTGAGCCGCCATTGAAGACTC
 CTTCCCCTCGGGCATTGGCAGTGGGGGAGAAAAGGCTTCAAAGGAACTTGGTGCCATCAG
 CACCCCTCCCAATGAGGACACCTTTATATATAAATATGTATAACATAGAATACA
 GTTGTTCAAAAGAAGTCAACCTCACTGTGTGTTAAAGAATTCTCCCAAAGTCATTAC
 TGATAATAACATTTTTCTTTCTAGTTTTAAACCAGAATTGGACCTTGGATTTTTAT
 TTTGGCAATTGTAAGTCAAGGAGGATATAAGAGTAAGGCTTTTGTGATTTAATCCTA
 AGAAATATGTTAAAGTCAAAGGGCATATATAGAGTAAGGCTTTTGTGATTTAATCCTA
 AAGGTGGCTGTAATCATGAACCTAGGCCACCATGGGGACCTGAGAGGGAAGGGGACAGAT
 GTTCTCATTGCATAATGTCACAGTTGCCTCAAATGAGCACCATTGTAATAATGATGTC
 AATTTTCATGAAAAGCCTGAGTGTATTGCATCTCTTGAATTAATCATGTGAAACTTTTCT
 AGATGCAATGCTGACTAATAAAGACAAAGCCACCCTGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_016108
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:	<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_016108.2</u> , <u>NP_057192.2</u>
RefSeq Size:	1385 bp
RefSeq ORF:	717 bp
Locus ID:	51390
UniProt ID:	<u>Q9NVV5</u>
Cytogenetics:	6q24.2
Domains:	Far-17a_AIG1
Protein Families:	Transmembrane
Gene Summary:	May play a role in androgen-regulated growth of hair follicles.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes isoform a.