

Product datasheet for **SC113796**

ARGLU1 (NM_018011) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARGLU1 (NM_018011) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARGLU1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113796 sequence for NM_018011 edited (data generated by NextGen Sequencing)

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ATGGGCCGGTCTCGGAGCCGGAGCTCGTCCCGCTCCAAGCACACCAAGAGCAGCAAGCAC
AACAAAGAAGCGCAGCCGGTCCCGGTTCGCGATCCCGGGACAAGGAGCGCGTGCAGAAAGCGT
TCCAAATCTCGGAAAAGTAAACGGAACCGGCGGGGAGTTCGCGGTCCCGTTCGCGCTCC
ACCAACACGGCCGTGTCCCGGCGGAGCGGGACCGGGAGCGCGCCTCGTCCCGCCCGAC
CGCATCGACATCTTCGGGCGCACGGTGAGCAAGCGCAGCAGCCTGGACGAGAAGCAGAAG
CGAGAGGAGGAGGAGAAGAAAGCGGAGTTCGAGCGGCAGCGAAAAATTCGACAGCAAGAA
ATAGAAGAAAACTCATCGAGGAAGAAACAGCACGAAGAGTAGAAGAATTGGTAGCAAAA
AGGGTGGAGGAAGAACTGGAGAAAAGGAAGGATGAAATTGAACGAGAAGTCTCCGAAGG
GTGGAGGAAGCCAAACGCATCATGGAAAAGCAGTTGCTCGAAGAACTCGAGCGACAGAGA
CAAGCTGAGCTTGCCGCACAAAAAGCTAGAGAGGAGGAAGAACGTGCAAAACGTGAGGAG
CTAGAGCGAATACTGGAAGAGAATAACCGAAAAATTGCAGAAGCACAAGCCAAACTGGCC
GAAGAACAGTTGAGAATTGTTGAAGAACAAGAAAGATTTCATGAGGAAAGGATGAAACTA
GAACAAGAACGACAACGTCAACAAAAAGAACAACAAAAATTATCCTGGGCAAGGGGAAG
TCCAGGCCAAAACGTCTTCTCATTAAAAACCCAGGATTAA
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Clone variation with respect to NM_018011.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018011 unedited</p> <pre> AGGTCCCAATAGGTATACATTTCATATAGCGGCCGCGNAATTCGCACGAGGCGGTGCAGC CGCAGCTGCCATCTTAGGGGCGCCTGGCGCTACGGGTTTCTCGTTGGAGGCGGCCTTCGT GGCAGCTGTAGACGCCGGGAAAAGGCATAAAGTCCGTTGGCCGACACCTTTCTTCTCC GGCCTCGTAGAACGCCAGCCCGCTCCTAAGGCGGAGGCGAGGGAACTGGCCGCGTG AGGGGCTGAGGGCAGCGGTTAGAGCGTCTCCCGAAGGATGGCCGCTCTCGGAGCCGG AGCTCGTCCCCTCCAAGCACACCAAGAGCAGCAAGCACAAAGAAGCGCAGCCGGTCC CGGTCCGATCCCGGGACAAGGAGCGCGTGCAGGAGCGTTCCAAATCTCGGAAAAGTAAA CGGAACCGGCGGGGAGTTCGCGGTTCCCGTCCCGCTCCACCAACACGGCCGTGTCGCGG CGCGAGCGGGACCGGAGCGCGCCTCGTCCCGCCCGACCGCATCGACATCTTCGGGCGC ACGGTGAGCAAGCGCAGCAGCCTGGACGAGAAGCACACCCGAGAGGAGGAGGAGAAGAAA GCGGAGTTCGAGCGGCAGCGAAAAAATTCGACAGCAAGAAATAGAAGAAAAACTCATTTCG AGGAAGAAACAGCCGAAGAGTAGAAAAATTTGGTAGCCAAAAAGTTGGAGGAAAGACCTG GAGAAAGGAAGATGAAATTAACGAGAAAAGTTTTCCGAAGTTGGAGGAAAGCCAAACGC ATCATGAAAAACAGTTGCTCCAAAAACTCAGCGACAGAGAACAGCTGACCTTGCCACA AAAGTCTTAAAGGAGGAGAACGGCCAAACAGGTAGAAGCTAAACCATACCTGAAAAAAT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018011 unedited</p> <pre> TGGACGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGAATTTAAGACTTTA CTTTATTCAGCAAAATCATTTATTTACACAATGGGNGAATGCTGGTTTGATTTTGCAAT GAAATAAAAAACAAAATGAACAGAGACAATACTGAAGTGTATATACTTTGTATCAGAGT TGACCAACTGTTTCCTTACCTGTATCAGGAACATCAAGAGCAACAGTATCACAAGGACAC TGGTTTAAACAATACACCACATAGGTCCAGTAATACCCTGGGAATTTCCCAATGCAATCAC CAACTTTTTCTTTTTTATAAATATATAAAAAAACAAAAAGTCAGCAAAACCAGCATTAT GATGTAGCAAAACAGAGTATAACTCTGAAGTCAGTGGGGTCAGTAAAAGCCTTATCAGACC ATCCATAGTTTTACAATGTGATCTGCTCTTCTCAGACCACTAATATAGAATCCAAACAG GTGAAAAATACGTCACTCCTTAGAATACAACAATGATCTGATAAGGATTTGACTTAGTGG AAGGAAAAAAAAAAAAAAAAAGGGAATTGCAGAGCATAGCCCTATTAGAACAAGTAACT TTCCAGATTTTACAAATTAATAAAAAACAAAAACAAAAACAACTTCAACATGAAG CTACCATACAAAGTTTTCCATTTTTCTTTGTAAGGTTTCAAGATTGCAATTTAATCC TGNGTTTTAATGAGAAGGAAGTTTTGGCCTGGACTTCCCTTGCCAGGATAATTTTTGGC CTTCTTTTTGTGACGTTGCGGTCTTGTCTAGTTAATCTTCTATGAATCTTCTTGGT CTTCACAATCTAAACTGTCTTCGCATTTGGCTTGGGCTCTGAATTTTTCGGTATATTTT CAAATCCCCTAACTCCAGTTTG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018011
Insert Size:	1870 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).

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_018011.1](#), [NP_060481.1](#)

RefSeq Size: 1734 bp

RefSeq ORF: 822 bp

Locus ID: 55082

UniProt ID: [Q9NWB6](#)

Cytogenetics: 13q33.3

Gene Summary: Required for the estrogen-dependent expression of ESR1 target genes. Can act in cooperation with MED1.[UniProtKB/Swiss-Prot Function]