

## Product datasheet for **SC217107**

### **GJA5 (NM\_181703) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	GJA5 (NM_181703) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GJA5
Synonyms:	ATFB11; CX40
ACCN:	NM_181703
Insert Size:	1993 bp



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**Insert Sequence:**

>SC217107 3'UTR clone of NM\_181703

The sequence shown below is from the reference sequence of NM\_181703. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGCAAGGTCAGATGACCTATCAGTGTGACCCCTCTTTATGGGAGGATCAGGACCAGTGGAACAAA
GGAGGCTCAGAGAGGAAAGACGTGCCCTTCTGAACTGATGCTTTCTCACTGTATCACTGCTTGGCTC
CTTTGAGCCCCGGGTCTCAATGACGTTGCTCATTAAATTCTAGAACTATAACCAGGGCTCTGGGATAGT
AAGAGAGGTGACAACCCACCCAGACTGCAGTTCCTCCCCACCCTCTACCCAGTATACGAAGCCTTTCA
GATTACTCATGAAACAGGGTAGAGGAAAGAAGGGAAGCATGGCAAAAGCTGGCCTGGAAGGGATAGCC
AGAGGGATAGAATGACTCTCTCTACATACCAGCAGCATACCAATGCGTTCTCTAAGTTCCTACCTC
CTTGACCTGATCACCTCCCTCCAAGGAAGAGCTCAAAGTCCCAGCCAATAGACAGCATGAATCA
AGGAACTTGCAATTATATGTGCTCTTGAATCTGTTGCTCCATGGACCATTCTCGGAGTAGTGGTGAGA
TGGCCTTGGGTTGCCCTTGGCTTCTCCTCCTACTCAGCCTTAAAAAGGGCTTCTTGGAACTTTACC
AGCAGCCTCAGCTTTACAATGCCTTGGTATGTACCTCTGGCAAATGCCCTGGTATGTACCTCTGGCAA
ATGCCCCACCTTGGTGATGTTGCAACCTTTCTTCTGCTAGGGGTGACACCTAGCCTGTGCAAGGTGCA
GCCCTGTAGGGAGTCACTGTACACACAACTCTACTGGAATTCCTGCCAACATCTGTCACCCTGCAGC
TCCTTTACAGTTCAATCCAATGATAGAAACCATCCCTTCCTTTCTCCCTTGGCTGTTACCCAGCCAT
TCCCTGAAGGCCATTACCAACAGGAATATCCAAGAAGCTGTTGCTCTCTCGAACCTGACCAGATCAT
CAGCCACTGAGGCCAGTGAATTTCCCGAGCCTTGTAAAACAAGAAAGCATTGTACTTCTCAGATT
CCCCTTGTGAAAAAAATTTCTGCTGTGAAGATGAAAAATAAAATGGAGAGAAAACACTGGAAAACATA
TTTTCCCTCCTATTTACTTCTTTGCTGACTGCCAAGTGTAGTCCCAAGAGGAGGTGTGATGACAGCTA
TGGAGGCCCCAGATCTCTCTCTCTGAGGCTTTAGCAGGGGCAAGGAAATAGTAGGGGAATCTCCAG
CTCTCTTGGCAGGGCCTTTATTTAAAGAGCGCAGAGATTCCTATGTCTCCCTAGTGCCCTAATGAGAC
TGCCAAGTGGGGCTGTAGAAAAGCCTTGCCTTCCCAGGGATTGGCCTGGTCTCTGTATTCACTGGAT
CCATAATGGGTTGCTGTTGTTTTGGATGAAGGTAACGATGCTTGGAAATGGAACTGAGACTTATAGA
GGGATTATTACATTATTTAAATGCACGTGTGTGTGTGGGTGCTGATGGGATGGGTAAGGCTTGG
GGAGTCTGAAATAAGGAAAGGAAACCACAGAGAACTTGTGTCTTCTGCTCTCCTCTCCGGCTGCCT
GGCAGTTATTAACCTAACAGATAGCCACAAGAGGTTGGGACAGAGGAGGTAAGGCTCAGAAGGAGG
TTCAACCTCTGACTCACCTGCCATCTCTGGGCCCTCTGCTGACACTTGGATGCTATTGTTGGGTGGAA
AGATAAATGAGAGTGGAGAGGTGGAGGAAAGTACTAGGATGCCATTTAGGAAGGAATGTCTGATCATC
CCGGGTCCTGGAGGGGACACCTTTAATCTATTGCCTAGCATTAAATTTTTCTCTCCTTCTATCTCTG
AAATGTTTTATGAAATGAGTGTCTTGAATTAGAAATCTGTGGGATCAATCTTTGATGGTGAGGGTTT
TAGAAAGGAAAAATATAGTAAAAATGTGTAATTTGTCTTAATAAAATCTATCTCTACATCTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
```

**Restriction Sites:**

SgfI-MluI

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:**

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:**

[NM\\_181703.4](#)

**Summary:** This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene may be associated with atrial fibrillation. Alternatively spliced transcript variants encoding the same isoform have been described. [provided by RefSeq, Jul 2008]

**Locus ID:** 2702

**MW:** 74.6