

## Product datasheet for **SC221331**

### SIX homeobox 4 (SIX4) (NM\_017420) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | SIX homeobox 4 (SIX4) (NM_017420) Human 3' UTR Clone |
| Symbol:                   | SIX homeobox 4                                       |
| Synonyms:                 | AREC3  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)                                |
| ACCN:                     | NM_017420  |
| Insert Size:              | 2000 bp  |



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**Insert Sequence:** >SC221331 3'UTR clone of NM\_017420  
 The sequence shown below is from the reference sequence of NM\_017420. 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
CAGCTGGATGAAGATATGCAAGACTTATGAACTTTTCCCTCTCACCTTTTTTGGCATCAGCGGCA
AATCTTTTCATGAAGCCCAAGGACACAAAACATTTTCCATTTAAAGGAAAACACTCTAGTTTTGCAA
GTATATGCATACAAGAGACTTTAGATTGATCTGCATGAAGATCACAGTTAAGTATACAGGAGTAGAACT
GCATTATTGCAGCCTTTTTGTTCACTTATAAAATTTCTTTTTAAATAGATGGAGACAAAGGACAAGGTG
AAATGTATCAAGTCAAAGTGAATCATTTAGTTGACTCTATAATTCTAAGGTCAAATGGAACCTTGATAG
TTTTTAAATTAATAAATGTATACACCTAACATAGAAAATTAAGATAGCTGCAGACCATTAGAAAATAA
TACAATTGTTTTTGTACTTTTACTCCATGGGCATTGAAAAGGTTAAGAAACATAAATGGTACATATT
TTTAAAGTTAAGTAGCATGCATATATATGCACACACACCTTTTTTCAGCATTTTTTGTAGAAAAGTCT
TGGGTCTCAAACACATTTGTCTCAACACATTTCCAATGTGATTTCTAATAGCTCAGTGTGGCTGAGAA
AGTGCGGAACTCCACTAAAACCTCTGAACTTCAGTATAAATGTAATATATCAGTTCTATAAGCAGGA
TTTGAGTAATTACAGTGAATTTATTTTTAATGTATATGTTTCTTTCAGGCGCTATGAACTGAAAAAT
ATGTTTTCTTACTGTTTAAATTTATTTTTATTGTTTGAACAGGAAGTGAACATAGTCGTTTCCAACAAAG
TTTTACTTTTTGTAGGATTTTAAAAATAATGATTTTTACCAGGAATCTATTAAGGTCAATATTAATAAC
ACTGAAACAGGAAATCTAACTCCCAATATTGGAATTTGGTACTTTTTTTCACATCCTTGTCTTTATT
TAGCAACTCTGATTCATTTAAATATGTTTTTATAGAATCTATGTGCCTTTTTACCTCGTGGCCTTTT
TATTGGTAGTAAGGTACAGAAGTGTCAACAGAAGCACTGATGGTCTTTTTCTACTATCTAACAGGGTTA
ATTTACCACAAAAATTGCTTTAAATCTGAAGAACCTAAGTTTCACTAAATAATATATATGACATTTATC
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TGTCAAATTGATTATACAGGCTATGAAAACATTTTAAAGGAAAAGAAAATATGTAATTTCTATTGAGCA
AAATTTCTGCTGTTGAACTTAGTTCTAAAGGTTTTGAATCAGTTGTTACACTCTGACACATGACTGT
TGTTTGCATATATTATCATGCTTCTTTAAAAGTAAATATTTTTGGTTTCTGTAAGAAGCTTGTTAA
TAATGTTGTAAGCCGTGGCTATAGTTTTATCAAGACTCTGAACACAAGATGTAACAATGCAATAAATT
TATGTAGTGAGTAAAGTTGCTCTCTAGTCTCTGAAAAGCAAAAAAAGTGAGAAAAATAATTTCTCAGAG
ATAACTCAAGTTGTTGAACATAAAGGTGTTAGATGTTAGCACATCTTGCTTTTTTTTTTTTTTTGAGA
TGGAGTCTCGCTCTGTTGCCAGGCTGGAGTGCAGTGGCAGCATCTTGGCTCACTGCAAGCTCTGCCTC
CTGGGTTACGCCATTCTCTGCCTCAGCTCCCGAGTAGCTGGGACTACAGGCACCTGCCACCATGCC
CGGCTAAATTTTTGTATTTTTAGTAGAGACGGGTTTACCCTGTTAGCCAGGATGGTCTTGATCTCCT
GACCTCGTGATCTGCCCGCTCGGCCTCCCAAAGTGTGGGATTATAGGCATGAGCCACTGTGCCTGGC
CACATCTTGCTTTTTTTTTATGATCAGAAACAAAGGGCCCACTCTAGTTCTCTACATGTCAATCAATC
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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\\_017420.5](#)

**Summary:** This gene encodes a member of the homeobox family, subfamily SIX. The drosophila homolog is a nuclear homeoprotein required for eye development. Studies in mouse show that this gene product functions as a transcription factor, and may have a role in the differentiation or maturation of neuronal cells. [provided by RefSeq, May 2010]

**Locus ID:** 51804

**MW:** 77.5