

## Product datasheet for **SC209178**

### Axin 1 (AXIN1) (NM\_181050) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Axin 1 (AXIN1) (NM\_181050) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** AXIN1  
**Synonyms:** AXIN; PPP1R49  
**ACCN:** NM\_181050  
**Insert Size:** 712 bp  
**Insert Sequence:** >SC209178 3'UTR clone of NM\_181050  
The sequence shown below is from the reference sequence of NM\_181050. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCATCGGCAAAGTGGAGAAGGTGGACTGATAGGCTGGTGGGCTGGCCGCTGTGCCAGGCGAGGCCCTT
GGCGGGCACGGGTGTACGGCCAGGCAGATGACCTCGTACTCAGGAGCCCGATGGGGAACAGTGTGGG
TGTACCACCCATCCCTGTGGTCTACCCGTGTCTAGAGGCAGGTAGGGGGTCCCTCCAAGTGGTCCACAA
GCTTCTGTCTGCCCAAGGAGGCAGCCTGGACCACTCCTCATAGCAATACTTGGAGGGCCAGCCCA
AGTGAGGCAGCCGAGGTCCCTGTGCCAGCTTCAGGTGACCCCCCCCATCCCCGGCACCTCCCTTGG
GCACGTGTGCTGGGATCTACTTCCCTCTGGGATTTGCCACGTACCCAGGTCTGGGTGGGGCCAGGC
CCGGATGCAGAGGCCTGCAGGCCTCTGTCAATTGTACGCGCCACCGAGTGCCTTCAACACAGCTTGTC
TCTTGCCTGCCACTGTGTGAATCGGCGACGGAGCACTGCACCTGCCTCCAGCCGCCGGCTGTGCAGTCC
TGGGTCCCTTTCTGAGGGCCCGTAAATATGTACATTTCTCAGGCTAGGCCAGCAGGGGCTGCCCG
AGTCTGTTTTTTCATGCGATGACACTTGTACAATTAATTATCTTTTCAAAGGTACTTGGATAATAATGAA
ATAAACTGTTTTTGAACCTGC
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_181050.3</a>
<b>Summary:</b>	This gene encodes a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a dishevelled and axin (DIX) domain. The encoded protein interacts with adenomatosis polyposis coli, catenin beta-1, glycogen synthase kinase 3 beta, protein phosphate 2, and itself. This protein functions as a negative regulator of the wntless-type MMTV integration site family, member 1 (WNT) signaling pathway and can induce apoptosis. The crystal structure of a portion of this protein, alone and in a complex with other proteins, has been resolved. Mutations in this gene have been associated with hepatocellular carcinoma, hepatoblastomas, ovarian endometrioid adenocarcinomas, and medullablastomas. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
<b>Locus ID:</b>	8312
<b>MW:</b>	25.1