

Product datasheet for **SC209177**

Axin 1 (AXIN1) (NM_003502) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Axin 1 (AXIN1) (NM_003502) Human 3' UTR Clone
Symbol:	Axin 1
Synonyms:	AXIN; PPP1R49
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003502
Insert Size:	712 bp
Insert Sequence:	<p>>SC209177 3'UTR clone of NM_003502</p> <p>The sequence shown below is from the reference sequence of NM_003502. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
ATCATCGGCAAAGTGGAGAAGGTGGACTGATAGGCTGGTGGGCTGGCCGCTGTGCCAGGCGAGGCCCTT
GGCGGGCAGGGTGTACGGCCAGGCAGATGACCTCGTACTCAGGAGCCCGATGGGGAACAGTGTGGG
TGTACCACCCATCCCTGTGGTCTACCCGTGTCTAGAGGCAGGTAGGGGGTCCCTCCAAGTGGTCCACAA
GCTTCTGTCTGCCCCAAGGAGGCAGCCTGGACCACTCCTCATAGCAATACTTGGAGGGCCAGCCCA
AGTGAGGCAGCCGAGTCCCTGTCTGCCAGCTTCAGGTGACCCCCCATCCCCCGCACCTCCCTTGG
GCACGTGTGCTGGGATCTACTTTCCCTCTGGGATTTGCCACGTACCCAGGTCTGGGTGGGGCCAGGC
CCGGATGCAGAGGCCTGCAGGGCCTCTGTCAATTGTACGCGCCACCGAGTGCCTTCAACACAGCTTGTC
TCTTGCTGCCACTGTGTGAATCGGCGACGGAGCACTGCACCTGCCTCCAGCCGCCGGCTGTGCAGTCC
TGGGTCTCCTTTCTGAGGGCCCGTGTAATATGTACATTTCTCAGGCTAGGCCAGCAGGGGCTGCCCG
AGTCTGTTTTTCATGCGATGACACTGTACAATTAATTATCTTTCAAAGGTACTTGGATAATAATGAA
ATAAACTGTTTTGAACCTGC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).


[View online »](#)

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:	<u>NM_003502.4</u>
Summary:	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 wingless-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]
Locus ID:	8312
MW:	25.1