

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
Vector: pMirTarget (PS100062)
Symbol: AXIN1
Synonyms: AXIN; PPP1R49
ACCN: NM_003502
Insert Size: 712 bp
Insert Sequence: >SC209177 3'UTR clone of NM_003502
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.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCATCGGCAAAGTGGAGAAGGTGGACTGATAGGCTGGTGGGCTGGCCGCTGTGCCAGGCGAGGCCCTT
GGCGGGCACGGGTGTACGGCCAGGCAGATGACCTCGTACTCAGGAGCCCGATGGGGAACAGTGTGGG
TGTACCACCCATCCCTGTGGTCTACCCGTGTCTAGAGGCAGGTAGGGGGTCCCTCCAAGTGGTCCACAA
GCTTCTGTCTGCCCAAGGAGGCAGCCTGGACCACTCCTCATAGCAATACTTGGAGGGCCAGCCCA
AGTGAGGCAGCCGAGGTCCCTGTGCCAGCTTCAGGTGACCCCCCCATCCCCGGCACCTCCCTTGG
GCACGTGTGCTGGGATCTACTTCCCTCTGGGATTTGCCACGTACCCAGGTCTGGGTGGGGCCAGGC
CCGGATGCAGAGGCTGCAGGGCCTCTGTCAATTGTACGCGCCACCGAGTGCCTTCAACACAGCTTGTC
TCTTGCTGCCACTGTGTGAATCGGCGACGGAGCACTGCACCTGCCTCCAGCCGCCGGCTGTGCAGTCC
TGGGTCCCTTTCTGAGGGCCCGTAAATATGTACATTTCTCAGGCTAGGCCAGCAGGGGCTGCCCG
AGTCTGTTTTTTCATGCGATGACACTTGTACAATTAATTATCTTTTCAAAGGTACTTGGATAATAATGAA
ATAAACTGTTTTTGAACCTGC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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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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_003502.4
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 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]
Locus ID:	8312
MW:	25.1