

Product datasheet for **SC101892**

AXUD1 (CSRNP1) (NM_033027) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AXUD1 (CSRNP1) (NM_033027) Human Untagged Clone
Tag:	Tag Free
Symbol:	AXUD1
Synonyms:	AXUD1; CSRNP-1; FAM130B; TAIP-3; URAX1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC101892 sequence for NM_033027 edited (data generated by NextGen Sequencing)

```

ATGACTGGGCTGTTGAAGAGGAAATTTGACCAGCTGGATGAGGACAACCTCTCGGTCTCC
TCCTCCTCCTCTCTCTGGGTGCCAGTCTCGCTCCTGCTCCCAAGCTCTTCTGTCTCC
CGTGCCTGGGACTCAGAGGAGGAAGGCCCTGGGATCAGATGCCCTGCCTGACCGTGAC
TTCTGCGGCCCCAGAAGTTTCACCCCTGTCTATCCTGAAGCGAGCTCGCCGGGAGCCG
CCAGCCGTGTAGCCTTTGATGGGATCACCGTCTTACTTCCCCCGCTGCCAGGGCTTC
ACCAGTGTGCCAGCCGTGGTGGCTGTA CTCTGGGTATGGCCCTTCGCCACAGTGGTTGC
CGTCTGCTCTCTTTGGCTGAGTTTGCAGGAGCAAGCCGTGCACGGCAGGAGAAGCTC
CGCCAGCGCTTGAAGAGGAGAAGTTGGAGATGCTGCAGTGGAAGCTTTCGGCAGCTGGG
GTACCCAGGCAGAGGCAGGGCTGCCACCTGTGGTGGATGCCATTGATGACGCCTCTGTG
GAGGAGGACTTGGCAGTCGCTGTGGCAGGTGGCCGTTGGAAGAAGTGAGCTTCTACAG
CCCTACCCAGCCCGGACGTCGAGCTCTGCTGAGGGCTTCAGGTGTGCAAGGATCGAT
CGGGAGGAGAAGCGGGAGCTGCAGGCACTGCGCCAATCCCGGGAGGATTGTGGCTGTAC
TGGCATAGGATCTGCGACCTGAGACCTGCAGCTGCAGCTGGCAGGCATCAAGTGCCAG
ATGGACCACACAGCATTCCCTGTGGCTGCTGCAGGGAGGGCTGTGAGAACCCCATGGGC
CGTGTGGAATTTAATCAGGCAAGAGTTCAGACCCATTTATCCACACACTCACCCGCTG
CAGTTGGAACAGGAGGCTGAGAGCTTTAGGGAGCTGGAGGCCCTGCCAGGGCAGCCCA
CCCAGCCCTGGTGAAGGAGCCCTGGTCCCTACTTTCCACTGGCCAAGCCCCCATGAAC
AATGAGCTGGGAGACAACAGCTGCAGCAGCGACATGACTGATTCTTCCACAGCATTTCA
TCAGCATCGGGCACTAGTGAGGCTCCTGACTGCCCCACCCAGCCCTGCCTGGCCCT
GGCTTCCAGCCTGGCGTTGATGATGACAGCCTGGCAGCATCTTGAGTTTCAAGTACTC
GACTTCCGTGGGAGGAGGAGGAAGAGGAGGAGGAGTGTGGGAACCTGGACAACCTC
AGTCTCTCCATCCAGCTGACATCTTTGGTACTAGTGACCTGGTGGCCCTGGCCAGCTGG
ACCCACAGCTATTCTGGCTGTAGCTTACATCAGGCATCCTGGATGAGAATGCCAACCTG
GATGCCAGCTGCTTCTAAATGGTGGCCTTGAAGGGTCAAGGGAAGGCAGCCTTCTGGC
ACCTCAGTGCCACCCAGCATGGACGCTGGCCGGAGTAGCTCAGTGGATCTCAGCTTGTCT
TCTTGTGACTCCTTTGAGTTACTCCAGGCTTGCAGATTATAGTCTGGGGCCTCACTAC
ACATCACAGAAGGTGTCTGACAGCCTGGACAACATCGAGGCACCTCACTTCCCCTGCT
GGCCTGTCTCCACTGGGATGCCAGCAGTTGCTTCTGGAGTCCCTCATGGCTTCTCC
GAGCCAGCCGCCAAGCCCTAGATCCCTTTATTGACAGCCAGTTTGAGGACACTGTCCCA
GCATCTAATGGAGCCTGTGCCGTGTGA
    
```

Clone variation with respect to NM_033027.3
 225 g=>a;1068 t=>c;1239 c=>t;1357 g=>a

5' Read Nucleotide Sequence: >OriGene 5' read for NM_033027 unedited

```

CCCCACTAAAATACCCCGCCCGATGCCAGCTATAGGGCGGTAGGCGTGTACGGTGGG
AGGTCTATATAAGCAGAGCTCATTAGGTGACACTATAGAATACAAGCTACTTGTCTTT
TTTCAGCGGCCGGAATTCGGCACGAGGGGCTGCCGGCCGAGCGCACAGAGTCGCGCG
CAGGGGGCGTCCCGGCCGGACGCGGGTCCGCTCGTTGTCTCCGCGAGCGTCTGGATT
GCAGGCTGTCTGTCCCAGACCCAGAGCAGTCCGGCACCACTGACTGGGCTGTTGA
AGAGGAAATTTGACCAGCTGGATGAGGACAACCTCTGGTCTCCTCCTCCTCTTCTCT
CTGGGTGCCAGTCTCGCTCCTGCTCCCAAGCTTCTGTCTCCCGTGCCTGGGACTCAG
AGGAGGAAGGCCCTGGGATCAGATGCCCTGCCTGACCGTACTTCTGCGGCCCGAGAA
GTTTACCCCTGTCTATCCTGAAGCGAGCTCGCCGGGAGCGCCAGGCCGTGTACCCT
TTGATGGGATCACCGTCTTACTTCCCCCGCTGCCAGGGCTTACCAGTGTGCCAGCC
GTGGTGGCTGTA CTCTGGCTATGGCCCTTCGCCACAGTGTGGCGTCTGCTTCTTTGG
CTGAGTTTGCAGGAGCAAGCCGTGCACGGCAGGAGAAGCTCCGCCAGCGCTTGAAG
AGGAGAAGTTGGAGATGCTGCAGTGGAAGCTTTCGGCAGCTGGGTACCCAGGCAGAGG
CAGGGCTGCCACCTGTGGTGGATGCCATTGATGACGCCTCTGTGGAGGGAGACTTGGCAG
TCCCTGTGGCAGGTGGCTGTTGGCAGAAGTGAGCTTCTACCG
    
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_033027 unedited NNCCGTTTACTATGNACCGCGCCGATTCTANNGATCGGTTTTTTTTTTTTTTTTTAA AAAAAGCCTCTTTATTGGTACCTGTAAGCTCAGGTACAAGGTGTCCACAAGCACACAG GCTGGCAAGGCCTCCTGGGCAAGGGGCAGGCCAGAGCCTGCGTTTCTTGGCACAGACAC AGAGAGAAATGGAATAAATTATAGTTCTGACACTCAGGGACAATGTAGAAATTATGATGC AAAATTAACATTAGCAAACAAAGGGTATAAAAAACCCTCAGGAGCCACCCCTCGCCA GGCCTCAGGGCATGGGCAGGTGGGCCACGCTGAAGTGCAGTGCCAGAAAGCCCTGAGAT AATAGTCTGGGGCATGGTTCGCGCCCCGAGGTAGGCCCTTTGCCCTCTCTGGGCTTCTG TTTCTCCTTCCCCCTCCTACATCCCTGGGCTGGAATAAAGGCTGTGGCCTTTGGGAAG GGGAAGATGGAACAGAGGGCANGAAGTGGAGGGGCAGGGTGGGCANAAAGGATTTT GGTACAGCTGTTAGCCAGGCTCTCCCCTGCCTAGATGATGTCCTTGGCCAGCACCT GCCCGCAGAGCCATCTAGGAGCCAGGCAGCAGACATAGATCACAGAGCTCAAATCCACAC CTAGTCTGCACCAAAGCCCAAGCAGGGCAAGGTGTAGACTACAAGGCAAAAAGGGGCTC TTGAGGGCTGTGCCAACCCACCCCTGGGCTTACCCACCCACCAAGAAGTGCAGACCA AGACTTCTTAATCTCCAATAAATTATGGGAAATAAATTATATTCTTTCCAGTCCAGTGG GATTAACCCCCCATGGGTCTAAGGCTCAAGGTGGCAAGAAA
Restriction Sites:	ECoRI-NOT
ACCN:	NM_033027
Insert Size:	3700 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_033027.2</u> , <u>NP_149016.1</u>
RefSeq Size:	3204 bp
RefSeq ORF:	1770 bp
Locus ID:	64651
UniProt ID:	<u>Q96S65</u>
Cytogenetics:	3p22.2

Gene Summary:

This gene encodes a protein that localizes to the nucleus and expression of this gene is induced in response to elevated levels of axin. The Wnt signalling pathway, which is negatively regulated by axin, is important in axis formation in early development and impaired regulation of this signalling pathway is often involved in tumors. A decreased level of expression of this gene in tumors compared to the level of expression in their corresponding normal tissues suggests that this gene product has a tumor suppressor function. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Transcript Variant: This variant (2) contains an alternate 5' terminal exon, resulting in a novel 5' UTR and the use of a downstream start codon, compared to variant 1. The encoded isoform (b) has a shorter N-terminus compared to isoform a. Variants 2 and 3 encode the same isoform. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.