

## Product datasheet for SC105905

### ZNF490 (AL353946) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF490 (AL353946) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF490
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene sequence for AL353946 edited</p> <pre> GAATTCGGCAGCAGGCAGAATTAAGTTTAAATATTCTCTCTTCTGGATTGTGTTATCACTC TAATTATTCATAGTTCCCATTTGATAAAAAATACCATATACATTATAAATGTTGACAAATA ATTATTAACATAAAAATTAGAATTTTATTGAAAAGGCCTCTCTCAAGGATATGTATGGAC CTTTTTTCCACATAGTTTATGTATCTATGAATGAAAACACTATTCTTCTAGAATGACAG AGGTTTCTACATTAATTCGGTCTAACTTTCTGTTTTTAACTATTTTATATTATAGCAA TTTTATATATTTGCTAATAGAGAGATTAGTATAATACAATCATCATTTTTCTCTTTTTA TGGTTGCCTATAAATTGTACTGTCTAGATGTATGTAACTATCTAGCCTATGTAAGTCTT GGATTAGTCAACTTTTATTGAGTGAATGATGTAGACAGCTGTCCCTCACTTGACTTCTTTA ATTGTTATACACAAAATTCAGTCTTATTTTTATTAGACTGTTGGAATGTTGACTATATG ATTGTATGTATGACCACAGTCTATACATATAGGCTGTATGACCTCACTCCTTCTTGGCGG CCATGGCAGATTTACTGATCTATCAGATAATTGTTTTCTGTGGAGCTCAGAATCCATTTT AACATGGTGTCCAGACAACCTGTCAAAACCAACCAGAGTGTTATGGGAGCCAAAATCA ATTTTTATTTTTTAAAATTGTATGAAAATCTTTTTAAAAAGAATGTCATCTTTGCTATTT TTTTCCCAAATATGGTACATGCTAAGAATAAAAATCAAGAAACCAGCACAGAATCTGGTT CTAGTGAAAAGTTCACAGAAAAAAGTAAAATCTCATCTAAAATCTTCTCCCGGCTGG GTGCAGTGGCTCACATCTGTAATCCTAGCAGTTTGGGAGGCTGAGGCAGGTGGATCACCT GAGGTGAGGAGTTTGGACCAGCCAGACCAACATGGAAAAACCCATCTCTACTAAAGAT ACAAAATTAGCCAGGCATGGTGGCACATGCCTATAATCCCACTACTAGGGAGGCTGAGG CAGGAGAATTGCTTGAACCCAGGAGGTGGAGGTTGCAGTGAGCTGAGATCGTGCCACTGC ACTCTAGCCTGGGCAACAAGAGTGAAACTCTGTTTCAAAAAAAAAAAATTTCCCTCCAA GAGATTAGCATTGTGATTTTTATAGAGTATTGTTTTGTACACCTGTCTTTGAAAACACAA ATTAAGCTGAGTACAAAATAATTTTATAAAGATGGGATTTTTTATATGCAGATCATTTAAA TTATAACATTTTTTCTTGAATTGAATGGAAGGAAGAAACAGAATGAATTGCTGAACCTCA GATTGTGCTTTACAAGGAATGTCATTCTTTAAAGGTACCTCAAAGGCTAAGAAAAACA GTAAAACCTGCAGTTGGGCACATGTACGTTGTGCACATATACCTAAAAGTGAATAAAAA TAAAATAAAATAAAATTATCATTAGCAAAAAAAAAAAAAAAAAAACTCGAC </pre>



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for AL353946 unedited  
 GAAGTTAGTATTGTATACCATCATATAGGCGGCCGCGAAATTCGCACGAGGCAGAATTAAGTTAATATTCTCTCTTCTGGATTGTGTATCACTCTAATTATTCATAGTTCCCATTTGATAAAATACCATATACATTATAAATGTTGACAAAATAATTATTAACATAAAAATTAGAATTATTGAAAAGGCCTCTCTCAAGGATATGTATGGACCTTTTTTCCACATAGTTTATGATCTATGAATGAAAACACTTATTCTTAGAATGACAGAGGGTCTACATTAATTCGGTCCTAACTTTCTGTTTTTAACTATTTTATATTATAGCAATTTTATATATTTGCTAATAGAGAGATTAGTATAATACAATCATCATTTTTCCCTTTTTATGGTTGCCTATAAATTGACTGCTAGATGTATGAACTATCTAGCCTATGTAAGTCTTGGATTAGTCAACTTTTATTGAGTGAATGATGTAGACAGCTGCTCACTTGACTTCTTAATTGTTATACACAAAATTCAGCTTTATTTTTATTAGACTGTTGGAATGTTGACTATATGATTGTATGTATGACCACAGTCTATACATATAGGCTGTATGACCTCACTCCTTCTTGGCGCCATGGCAGATTTACTGATCTATCAGATAATTGTTTTCTGTGGAGCTCAGAATCCATTTAACATGGTGTCCAGACAACCTGCAAAAACCAACAGAGTGGTTATGGGAGCCAAAATCAATTNTATTTTTTAAAATTGTATGAAAATCTTTTTAAAAGAATGTCATCTTTGCTATTTTTTCCCAATATGGTACATGCTAAGAATAAAAATCAAGAAACCAGCACAGAATCTGGTTCTAGTAAAAGNTCACAGN

**3' Read Nucleotide Sequence:**

>OriGene 3' read for AL353946 unedited  
 NTCGGTCAACTATGNNACCGCGCCGCATNCTANGATCGAGTTTTTTTTTTTTTTTTTTGCTAATGATAATTTTATTTTATTTTATTTTATTACACTTTAGGTATATGTGCACAACGTCATGTGCCCAACGTGCAGGTTTTACTGTTTTTCTTAGCCTTTGAGGTACCTTTAAAGAATGACATTCCTTGTAAAGACACAATCTGAGGTTCCAGCAATTCATTCTGTTTCTCCTTCCATCAATTCAAGAAAAAATGTTATAATTTAAATGATCTGCATATAAAAAATCCCATCTTTATAAAATTTTGTACTCAGCTTAATTTGTGTTTTCAAAGACAGGTGTACAAAACAATACTATAAAAAATCACAATGCTAATCTCTTGAGGAATAATTTTTTTTTTTTGAACAGAGTTCACTCTGTGGCCAGGCTAGAGTGCAGTGGCAGATCTCAGCTCACTGCAACCTCCACCTCCTGGGTTCAAGCAATTCTCCTGCCTCAGCCTCCCTAGTAGTTGGGATTATAGGCATGTGCCACCATGCCTGGCTAATTTTGTATCTTTAGTAAAGATGGGGTTTTTCCATGTTGGCTGGCTGCTCAAACCTCCTGACCTCAGGTGATCCACCTGCCTAACCTCCCAAACCTTGCTTAGGATTACCGATGTGAGCCCTGCACCCAGCCGGGAGAAAGAATTTTAGAAGAGAATTACCTTTTTTTTCTGTTGAACTTTTCACTAAAACCAGATCCTGGGCTGGGTTCTGGTATTATTCTTAGGAGGACCATATTTGGGAAAAAATACGCAGAAGGACCTTCTTTTTAAAAATTTTCAACCGTTTTAAAAAATAATATTGCGCCATAACACCCCTGCTGTGTTGGCACATTT

**Restriction Sites:**

NotI-NotI

**ACCN:**

AL353946

**Insert Size:**

1500 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:**

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:** [AL353946.1](#), [CAH10685.1](#)

**RefSeq Size:** 2441 bp

**RefSeq ORF:** 2441 bp

**Locus ID:** 57474

**Cytogenetics:** 19p13.2-p13.13

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]