

## Product datasheet for **SC206061**

### Zyxin (ZYX) (NM\_003461) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Zyxin (ZYX) (NM\_003461) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ZYX  
**Synonyms:** ESP-2; HED-2  
**ACCN:** NM\_003461  
**Insert Size:** 459 bp  
**Insert Sequence:** >SC206061 3'UTR clone of NM\_003461  
The sequence shown below is from the reference sequence of NM\_003461. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAGTGCCACACTGCTAGAGCCCAGACCTTGAGTGAGGACAGGCCCTCTTCAGACCGCAGTCCATGCCCA
TTGTGGACCACCCACACTGAGACCACCTGCCCCACCTCAGTTATTGTTTTGATGTCTAGCCCTCCCA
TTTCCAACCCCTCCCTAGCATCCAGGTGCCCTGACCCAGGACCAACATGGTCTAGGGATGCAGGATC
CCCGCCCTGGGGTCTGGTCTCGCCCATCTGCAGGGATTGCCACCGTCTTCCAGACACCCACCTGA
GGGGGGCACCAGGTTTAGTGCTGCTGCTTCACTGCTGCACCCGCGCCCTCGGCCGGCCCCCGAGCAG
CCTTTGACTCTGCTTGCAGGAGGCTGGGAGACCCTCCAGGACATTCCCACCTCCCCATGCTGCCAA
GTTGTAGCTATAGCTACAAATAAAAAAAAAACCTTGTTTTCCAGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).

**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\\_003461.5](#)



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**Summary:**

Focal adhesions are actin-rich structures that enable cells to adhere to the extracellular matrix and at which protein complexes involved in signal transduction assemble. Zyxin is a zinc-binding phosphoprotein that concentrates at focal adhesions and along the actin cytoskeleton. Zyxin has an N-terminal proline-rich domain and three LIM domains in its C-terminal half. The proline-rich domain may interact with SH3 domains of proteins involved in signal transduction pathways while the LIM domains are likely involved in protein-protein binding. Zyxin may function as a messenger in the signal transduction pathway that mediates adhesion-stimulated changes in gene expression and may modulate the cytoskeletal organization of actin bundles. Alternative splicing results in multiple transcript variants that encode the same isoform. [provided by RefSeq, Jul 2008]

**Locus ID:**

7791

**MW:**

16.4