

## Product datasheet for SC206061

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

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Zyxin (ZYG) (NM_003461) Human 3' UTR Clone
Symbol:	Zyxin
Synonyms:	ESP-2; HED-2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003461
Insert Size:	459 bp
Insert Sequence:	<p>&gt;SC206061 3'UTR clone of NM_003461</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAGTGCCCACTGCTAGAGCCAGACCTGAGTGAGGACAGGCCCTCTTCAGACCGCAGTCCATGCCCA
TTGTGGACCACTGAGACCACTGCCCCACCTCAGTTATTGTTTGTCTAGCCCTCCCA
TTTCCAACCCCTCCCTAGCATCCAGGTGCCCTGACCCAGGACCAACATGGTCTAGGGATGCAGGATC
CCCGCCCTGGGTCTGGTCTCGCCCATCTGCAGGGATTGCCACCGTCTTCAGACACCCACCTGA
GGGGGGCACCAGGTTTAGTGCTGCTGCTTCACTGCTGCACCCGCGCCCTCGGCCGCCCCCGAGCAG
CCTTTGTACTCTGCTTGGGAGGGCTGGGAGACCTCCAGGACATTCCACCCCTCCCCATGCTGCCAA
GTTGTAGCTATAGCTACAAATAAAAAAACCTTGTTCAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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.


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**RefSeq:** NM\_003461.5

**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