

Product datasheet for **SC206062**

Zyxin (ZYG) (NM_001010972) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Zyxin (ZYG) (NM_001010972) Human 3' UTR Clone
Symbol:	Zyxin
Synonyms:	ESP-2; HED-2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001010972
Insert Size:	459 bp
Insert Sequence:	>SC206062 3'UTR clone of NM_001010972 The sequence shown below is from the reference sequence of NM_001010972. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
AAGTGCCCACTGCTAGAGCCCAGACCTTGAGTGAGGACAGGCCCTCTTCAGACCCGAGTCCATGCCCA  
TTGTGGACCACTGAGACCCTGCCCACTCAGTTATTGTTTTGATGTCTAGCCCTCCCA  
TTTCCAACCCCTCCCTAGCATCCAGGTGCCCTGACCCAGGACCAACATGGTCTAGGGATGCAGGATC  
CCCGCCCTGGGGTCTGGTCTCGCCATCTGCAGGGATTGCCACCGTCTTCAGACACCCACCTGA  
GGGGGACCAAGGTTTAGTGCTGCTGCTTCACTGCTGCACCCGCGCCCTCGGCCGCCCCGAGCAG  
CCTTTGACTCTGCTTGGGAGGGCTGGGAGACCTCCAGGACATTCCCACCTCCCCATGCTGCCAA  
GTTGTAGCTATAGCTACAAATAAAAAAAAAAACCCTGTTTTCCAGAA  
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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_001010972.2](#)

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