

## Product datasheet for **SC217825**

### 14-3-3 zeta (YWHAZ) (NM\_001135699) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	14-3-3 zeta (YWHAZ) (NM_001135699) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	YWHAZ
Synonyms:	14-3-3-zeta; HEL-S-3; HEL-S-93; HEL4; KCIP-1; POPCHAS; YWHAD
ACCN:	NM_001135699
Insert Size:	2000 bp



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**Insert Sequence:** >SC217825 3'UTR clone of NM\_001135699  
 The sequence shown below is from the reference sequence of NM\_001135699. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTGAAGCAGGAGAAGGAGGGGAAAATTAACCGGCCTTCCAACCTTTGTCTGCCTCATTCTAAAATTTA
CACAGTAGACCATTTGTCCATCCATGCTGTCCACAAAATAGTTTTTTGTTTACGATTTATGACAGGTTTA
TGTTACTTCTATTTGAATTTCTATATTTCCCATGTGGTTTTTATGTTTAAATATTAGGGGAGTAGAGCCA
GTTAACATTTAGGGAGTTATCTGTTTTTCTCTTGAGGTGGCCAATATGGGGATGTGGAATTTTTATAACA
AGTTATAAGTGTGGCAGTACTTTTGGTACATTGTGGCTTCAAAGGGCCAGTGAAAAGTGCCTTC
CATGTCTAAGCAAAGAAAAGTGCCTACATACTGGTTTGCCTGGCGGGAATAAAAGGGATCATTGGTT
CCAGTCACAGGTGTAGTAATTGTGGTACTTTAAGGTTTGGAGCATTACAAGGCTGTGGTGAATCAT
ACCCCATGGATACCACATATTAACCATGTATATCTGTGGAATACTCAATGTGTACACCTTTGACTACA
GCTGCAGAAGTGTTCCTTTAGACAAAAGTTGTGACCCATTTTACTCTGGATAAGGGCAGAAACGGTTCAC
ATTCCATTATTTGTAAAGTTACCTGCTGTTAGCTTTTCATTATTTTTGCTACACTCATTATTTTGTATT
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GTAGCATTAACTGAAGTTTGTGCTTCCAAATCACTTTTTGGTTTTAAGAATTTCTTGATACTCTTA
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AGCCTTCTGTCTGTACCAACCATTCTACTTGGTGGCCATGTACTTGGAAAAAGGCCGATGATCCTT
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CTATTTACTGCAGCAAATCTCTCCTTAGTTGATGAGACTGTGTTATCTCCCTTTAAACCTACCTAT
CCTGAATGGTCTGTCAATTGTCTGCCTTTAAATCCTTCTCTTTCTTCTCTCTATTCTCTAAATAAT
GATGGGGCTAAGTTATACCCAAAGCTCACTTTACAAAATATTTCTCAGTACTTTGCAGAAAAACCCAA
ACAAAAATGCCATTTTAAAAAGGTGATTTTTCTTTTGAAGTGAAGCTCCTCAAGAGCAGGGACAA
TGTTTTCTGTATGTTCTATTGTGCCTAGTACACTGTAATGCTCAATAAATATTGATGATGGGAGGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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**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\\_001135699.2](#)

**Summary:** This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene. [provided by RefSeq, Oct 2008]

**Locus ID:** 7534

**MW:** 77