

Product datasheet for SC211002

14-3-3 epsilon (YWHAE) (NM_006761) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: 14-3-3 epsilon (YWHAE) (NM_006761) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: YWHAE
Synonyms: 14-3-3E; HEL2; KCIP-1; MDCR; MDS
ACCN: NM_006761
Insert Size: 1202 bp
Insert Sequence: >SC211002 3'UTR clone of NM_006761
 The sequence shown below is from the reference sequence of NM_006761. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCAGGAGCTGGAAGACGAAAATCAGTGAACATAAGCCAACAAGAGAACCATCTCTGACCACCCCC
TCCTCCCATCCCACCCCTTTGGAACTCCCATTGTCACTGAGAACCACCAAATCTGACTTTTACATTT
GGTCTCAGAATTTAGGTTCTGCGCTGTTGGTTTTTTTTTTTTTTTTTTTTTAAACAGTTTTCAAAGTTCT
TAAAGGCAAGAGTGAATTTCTGTGGATTTACTGGTCCCAGCTTTTAGGTTCTTTAAGACACTAACAGG
ACTACATAGAGGCTTTTTCAGCATTACTGTGCTGCTCCGTGCCAGATGTGGCAAGATCACCATTAGCA
AATGGAATTACATTTGAAAGCCATTAGACTTATAGGTGATGCAAGCATCTAAGAGAGAGGTTAATCAC
ACTATAGAGGCATAAGTGGTATCAGTTTTCTATTTTCTAATTGTTTAACTGTGTTTTATACCAGTGT
TGCAAGTAATTGGGTGTTAGCTTGAGATGGTTAAAGTGGTTGGGGAGGGACTTCGTTGTAATGGTTT
TGCTGTAATAAATGTTTCCAACCTCGCTGAAATGTTGCTGAAAAGCATGGTGTGTAACAGTTCACA
ATCCGTGGCTGCTCATTCTTGCCTACTTTACTCTCCCCTGAAGCAGGTTAGCGTTGAAGTGGTATGG
AAAAGCCTGCATGCCTGTTCAATCTTTTGTCTTCTCCTTCCCCTCCCCTACCTCCTTCCCCTCA
CTCCTCCCCTCCTTCGCTCGCTCAACCTCTTTGTTCAGTATGTGTAACCTGAAGCTAATTTGACTAC
TGGATATCTGACTGGAGCCACAGATACAGAATCTGTATTGTTCTTACTGAAACACAGCATGGAATTAAC
ATTAAACTTAAATAAAACAAACCTAAATTAATAAATGCCAAATATCGCGCCTCCATCCTTTTACTTCTA
AAATAAAATCTCTAGTCCAAACACACTGACAGTATTATGTTTGCCTGAATGTGAAACATTCCTCCTTTT
TTCTTCCATAAATAATTTGTTTGCCTCCCAAAGATGTATGTTTGGAAAAAATTGCTGTAGTCTGGT
TGTGAAGAACTGAGTCAGTTGATGGTGTCTTGTCTCCAGACCAGGCAGCAACATGGTATTTATT
TTAATCATTAAAGTACAACATGAGTAGTA
ACGCGTAAGCGCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online »](#)

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_006761.5
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 100% identical to the mouse ortholog. It interacts with CDC25 phosphatases, RAF1 and IRS1 proteins, suggesting its role in diverse biochemical activities related to signal transduction, such as cell division and regulation of insulin sensitivity. It has also been implicated in the pathogenesis of small cell lung cancer. Two transcript variants, one protein-coding and the other non-protein-coding, have been found for this gene. [provided by RefSeq, Aug 2008]
Locus ID:	7531
MW:	45.5