

## Product datasheet for **SC216856**

### **CALCOCO2 (NM\_005831) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CALCOCO2 (NM_005831) Human 3' UTR Clone
Symbol:	CALCOCO2
Synonyms:	NDP52
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005831
Insert Size:	2000 bp



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**Insert Sequence:** >SC216856 3'UTR clone of NM\_005831  
 The sequence shown below is from the reference sequence of NM\_005831. 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
GAAGACCACGTGTTCTGCCACTCTCTCAGATATCCCAACCTCTTGGATGTATACAGAGATTTTATAGA
ATAGAACCTATAGCTTCTACCATGAGTTATATGAGTCAAGATCCTGCCTAACCTGAAATTATTAGGGAT
TACTCAGCCCTGCTGCCGCTAACAGTGGAGTTATGCTACTGATCTGAAGGTCAGTGTAAAGGGCTTCT
GCTGCCATCCTTGTGGGTGCTACCTTTAAGTCGCATAACTCTAGCTGTATCATCCTCTCACCTGTCAT
TCTTCTGAGGGTCTCAGTACAAGGGCCCTGGGATGGAGCCAACCTGGGTATTCACAACAGGCCTGACTT
GATACTAAGTGATTAGTTTTCAAGTTGCCACTGCCATTCAAAGTCAGCCCTGAGTGTATTTGTTTC
TCAGTCTAACCCCTGGGCCAGAGATTGGTCCGAGGTTGAGAATTCCTTCTCTCATCCTTGGTGTG
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TACCAAAGGTTTCTCATGTTAATTTCTCAGCCCCAAAGAAGCATCTTACTCCTGAACCTTAGACAGGA
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CTATGTACATAGCTTTTATTGTTGTAATCCTTTCTTAATGGTTAAATAGGATTGTTAGCAACTATGGG
TTTGCAGTTTTCTGAGTAGGTGAGTTTTGAATATGGGTAATCAGAATAATGAGACAACCTGTTAATCT
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ATGGTCTTCTGTTTTGAAGCTCATGGGAAAATGTGATCAAAGGGCTATGGGAAGGGCAGACCCCGCC
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TTTTTTGAAACAGTCTCTCTGTGACCCAGGCTGGCGTGAATGGCGCAGTTGACTCACTACAGCCTC
TGCTCCAGGTTCAAGCGATTCTCATGCCTTAGCCTCCCAAGTAGCTGGGATTACAGGTGTGTGCCG
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CTCCTGGCCTCACGTGATCTGTCCACTTCAAGCCTCAGCCGTCCAAAGTGTGGGATTACAAGCGTGAAGCCACTGT
GCTGGGCCGAGGCCCTGACTTCTGCTGTAACCTTCCATGCATTTTTTTTTAAAAGGAGCAGTGTGGAT
TTTGCACCTTTGTGAACCTAAGTTCAATGCGCTCTATCCAAATTTGCCTAATTGAACTATAAGAAAGT
AATAATCCATTTTCTATCCCTCAGGGACTGAACAAATGAAATAACTCCAGGCAGTATCAGGTGGT
CACTACAGAGACTTCCACAAAACTTTTGAATGATGTGAAACACGATGTCATGAATAAGGGTTGAGCCA
ACTATAGCTCTGTGTTCCCTACTGGGCTTTCCCTAATGTGGTTGGGAGTTATGCCCTAGACTAACTGTAT
TGTCTAGTCACAGCTCCTTGTGTTTGTATTCATCCTTGATAAAATGAAGATGAAACTTACTACTTCT
CCAAGCCTTTTGTGCTTAAAGAATAAGACCTGAGATTAACACTAACCTAGAATAGAAATGTAATAGG
GAGATGGTAATAAAGGAGTTTTTCTGGCACATACCCTCCCTACAGAAATTTCTGTTGCTCCCAGATCCA
GTGAAGAATTGCAGTTTCATTTATTTTGTACCAGTCAGCTCTTAATTAAGTACATGAATGGAGAGGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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\\_005831.5](#)

**Summary:** This gene encodes a coiled-coil domain-containing protein. The encoded protein functions as a receptor for ubiquitin-coated bacteria and plays an important role in innate immunity by mediating macroautophagy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

**Locus ID:** 10241

**MW:** 74.6