

## Product datasheet for **SC332752**

### **CALCOCO2 (NM\_001261390) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CALCOCO2 (NM\_001261390) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CALCOCO2  
**Synonyms:** NDP52  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332752 representing NM\_001261390.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGAGGAGACCATCAAAGATCCCCCACATCAGCTGTCTTGCTGGATCACTGTCATTTCTCTCAGGTC
ATCTTTAACAGTGTGGAGAAGTTCTACATCCCTGGAGGGGACGTCACATGTCATTATACCTTCACCCAG
CATTTTCATCCCTCGTAAAGGATTGGATTGGCATCTTTAGAGCATTTAAATGTTTCCAAGACAAATTG
GAACAAGAATACTCAAATGGAGGAGCCAAGGACAGAAATGCAGGTGGGGTGAAGACAACCCGTGAG
TATTACACCTTCATGTGGTTACTTTGCCATTGACCTAAACAACAAATCAGCTAACAGCAGGAAGTC
CAATTCAAAGCTTACTACCTGCCAAGGATGATGAGTATTACCAGTTCTGCTATGTGGATGAGGATGGT
GTGGTCCGGGGAGCAAGTATTCCCTTCCAATTCGGTCCAGAAAATGAGGAAGACATCCTGGTTGTTACC
ACTCAGGGAGAGGTGGAAGAGATTGAGCAGCACAAAGGAGCTTTGCAAAGAAAACCCAGGAGCTGAAG
GACAGCTGTATCAGCCTCCAGAAGCAGAACTCAGACATGCAGGCTGAGCTCCAAAAGAAGCAGGAGGAG
CTAGAAAACCTACAGAGCATCAATAAGAAGTTGGAAGTAAAAGTAAAAGAACAGAAGGACTATTGGGAG
ACAGAGCTGCTTCAACTGAAAGAACAAAACAGAAAGATGTCCTCAGAAAATGAGAAGATGGGAATCAGA
GTGGATCAGCTTCAGGCCAGCTGTCAACTCAAGAGAAAAGAAATGGAGAAGCTTGTTCAGGGAGATCAA
GATAAGACAGAGCAGTTAGAGCAGCTGAAAAAGGAAAAATGACCACCTCTTCTCAGTTTAACTGAACAG
AGGAAGGACCAGAAGAAGCTCGAGCAGACAGTGGAGCAAATGAAGCAGAATGAACTACTGCAATGAAG
AAACAACAGGAATTAATGGATGAAAACCTTTGACCTGTCAAAAAGACTGAGTGAGAACGAAATTAATGT
AATGCTCTGCAGAGACAGAAAGAGAGATTGGAAGGAGAAAATGATCTTTTGAAGGGGAGAACAGCAGA
TTGCTCAGTTACATGGGTCTGGATTTTAAATCTTTGCCGTATCAAGTACCTACTTCAGATGAAGGAGGC
GCAAGACAAAATCCAGGACTTGCCTATGGAAACCCATATTCTGGTATCCAAGAAAGTTCTTCCCCCAGC
CCGCTCTCCATCAAGAAATGCCCTATCTGCAAAGCAGATGATATTTGTGATCACACCTTGGAGCAACAG
CAGATGCAGCCCCCTTTGTTTCAATTGTCCAATTTGTGACAAGATCTTCCAGCTACAGAGAAGCAGATC
TTGAAGACCACGTGTTCTGCCACTCTCTGA
```

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001261390  
**Insert Size:** 1413 bp



[View online »](#)

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001261390.1</a></u>
<b>RefSeq Size:</b>	3754 bp
<b>RefSeq ORF:</b>	1413 bp
<b>Locus ID:</b>	10241
<b>UniProt ID:</b>	<u><a href="#">Q13137</a></u>
<b>Cytogenetics:</b>	17q21.32
<b>MW:</b>	55.2 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>