

## Product datasheet for **SC210212**

### CoCoA (CALCOCO1) (NM\_001143682) Human 3' UTR Clone

#### Product data:

|                           |                            |
|---------------------------|----------------------------|
| Product Type:             | 3' UTR Clones              |
| Symbol:                   | CoCoA                      |
| Synonyms:                 | calphoglin; Cocoa; PP13275 |
| Mammalian Cell Selection: | Neomycin                   |
| Vector:                   | pMirTarget (PSI00062)      |
| ACCN:                     | NM_001143682               |
| Insert Size:              | 2000 bp                    |



**Insert Sequence:**

>SC210212 3'UTR clone of NM\_001143682

The sequence shown below is from the reference sequence of NM\_001143682. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AGCACCCAGGACCCCTTACCTTTGAGTGAATCTTACTCCCTCGTACATGCACAAATACACACTCATGCA
CACACACACTCACACACATGCATACACTTAGGTTTCATGCCCATTTTCTATCACACTGGGCTCCATGAT
ATTCTGTTCCTAAGAACTGCTTCTGTGTGCCCTGTTTTCATCCCAAGATTTCTCACTTCATCCTCTCC
TACCTGGCTCTTTTGTCCCAGGGAGGGGCTCTGTTCCGAAGCAGTGGCTGAATTTATCCCTGAAAGTG
GTTTTGGAGGAACCGGATGGAGGAGGCCCTCCCTGTGGGAATAGAATCGTCCACTCCTAGCCCTGGT
TGCTTCTGATACAGCCACTGCACACACACACTCACACTCACACTCCCTTGTCTGATGCCCAAAGCC
AATTCCTGGGACCCCTACCCTCTCTTATTTGGAGTTTCCGTTGGTTTACCTGAGTTTTCTCTGGGGTC
TGCACAGAGGCAGCAGCATGGACATCATGGCCTCTCAGGTCCCTTTTGGTTCTCAGTTTCATTGGTTCC
TCTTTCTGTTCCCCATTGACTTCTGTGCCCCACCCTAGCCTTTTCCATAACCTTAGGTATTCAGTTTG
GAGGGGTTTTTTGTATTTTGGAGATTCTGTATTCTGTATCCTCTCCTCGCATCTCCTCACATGAAAA
GAAATAATGATTTGTGCCTTCTGTGAGGAATGGGGGAACAAGTGGTCCAGGTATCCCATTTTCCAA
GGCCCCCTCCCTCTCCAGGTCCCCCACAGCAATAAAGCTTCCCTGATATCCATCCCTTTGTAGT
TTGAACAAATATATTTATATGATATGTATGACTGTTGTACAAAAATGTGTTCTTATCATGAGGTGTGAC
TGGAACACAGGGCCAGACCTCCAGCTCTTAGACCCTGGTGGAGGAGGAGGAAAGAGGGGACGCATC
CCTGCCTCATGGCAGGGGATGCTGGGCAGTTACTGTCTGTGCTGCTCCTGGTGTGCTGGCCATGAGT
GGGTTGTCTCAAGTGGGAGTCTGGCTTGATAATGCGGCAGTTGGGAGGGAGCAAACTCATGGTCCC
TGTCACCTTCTGCTCAGGGTTTGTGCCAGGGTGGGTGCATGCCATGAAAAAGTGGGACAAGTTCCAC
TGCCGAGAAGTTACCCCTTCATAGCAGCCATCACTGTACCTTATGCCAAAGGACAGGCTTTATCCTGT
CAAGAGCGTACACCTTTGAGTATCTACTTAGTAAAAATGCCCTAAGCCTCATACCTCTAAGGCGATT
TTATATTCCTCCTGTTTCTGTTTCTGTTTCTTCTCTGTTGCCATCCCCCATACCTGTATGCACACTC
TGCTCAACAGTCACAAAAACACATTCACTCACTCAACAGCTTACAGGCTAGACAGACACATACAC
AGCATCGTAAAGCATTGTTAAGGACCTGCACGCTCACCAGGCTCTCAGCAATGGCCTGCACAAGCAC
ATGCCTACAACCCCTCGTCTCAACCAATAGCTCCCTTCTCAGCTGCCCTCCTCTCCCTTCAGGGC
CCCTGTGTGGACACCCCAACCTTCCCTTCTCCATTACCTGAAATGCTCCTGTCCACCCCTTTCC
AGCCCCACCTGGATGACTTCTTACATCGTTCCTTCTTCCCTCACGTCTCCGTCTCCTAGCAACCCATC
CCGTTCCCTGAATCCCTTCAAGGAAATTAGAGATAATGGATCTCTCCTCTCCTATCCCAACCCCTCT
TTATTGATCCTCTTTAATGAAAGTAAATATAACAATGATTAATTAAGAATCCCTCTCTTCTCTT
ATTGCTTCCCGTATTAAGACTATTAATAAATACGAGCTGGGCTGACAGAGGCATCCATCACCCGCTGG
GATTCCTCCCATCCCTCCTTTTACCTTCCCCCTCTCCCTCTCCCTCTCTTGGCCTATAAACTTGCCG
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTCTATGAAAGG
```

**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.

**Note:**

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** NM\_001143682.2

**Summary:** Functions as a coactivator for aryl hydrocarbon and nuclear receptors (NR). Recruited to promoters through its contact with the N-terminal basic helix-loop-helix-Per-Arnt-Sim (PAS) domain of transcription factors or coactivators, such as NCOA2. During ER-activation acts synergistically in combination with other NCOA2-binding proteins, such as EP300, CREBBP and CARM1. Involved in the transcriptional activation of target genes in the Wnt/CTNNB1 pathway. Functions as a secondary coactivator in LEF1-mediated transcriptional activation via its interaction with CTNNB1. Coactivator function for nuclear receptors and LEF1/CTNNB1 involves differential utilization of two different activation regions (By similarity). In association with CCAR1 enhances GATA1- and MED1-mediated transcriptional activation from the gamma-globin promoter during erythroid differentiation of K562 erythroleukemia cells (PubMed:24245781).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 57658

**MW:** 73.7