

## Product datasheet for **SC213439**

### **COPT2 (SLC31A2) (NM\_001860) Human 3' UTR Clone**

#### **Product data:**

|                           |                                                |
|---------------------------|------------------------------------------------|
| Product Type:             | 3' UTR Clones                                  |
| Product Name:             | COPT2 (SLC31A2) (NM_001860) Human 3' UTR Clone |
| Symbol:                   | COPT2                                          |
| Synonyms:                 | COPT2; CTR2; hCTR2                             |
| Mammalian Cell Selection: | Neomycin                                       |
| Vector:                   | pMirTarget (PS100062)                          |
| ACCN:                     | NM_001860                                      |
| Insert Size:              | 1253 bp                                        |



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|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Sequence:</b>   | <p>&gt;SC213439 3'UTR clone of NM_001860</p> <p>The sequence shown below is from the reference sequence of NM_001860. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <p>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG<br/> TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br/> CTAGCTTACCCACTTCTCAGCACAGCTTAGCTGGTGAGGAACGTGCAGGCACTGAGGCTGGAGGGACAT<br/> GGAGCCCCCTCTTCCAGACACTATACTTCCAAGTCCCTTTCTTCTGATGGCTATTCTCCACCTTATT<br/> CCCAGCCCCCTGGAACTTTGAGCTGAAGCCAGCACTTGCTCCCTGGAGTTCGGAAGCCATTGCAGCAAC<br/> CTTCTTCTCAGCCAGCCTACGTAGGGCCAGGCATGGTCTTGTGCTTAAGACAGCTGCTGTGACCAA<br/> AGGAGAATGGAGATAACAGGGGTGGCAGGGTTACTGAGCCCATGACAATGCTTCTCTGTGACTCAAAC<br/> CAGGAATTTCAAAGATTTCAAGCCAGGGAGAAGGGTTCTTGGTGATGCAGGGCATGGAACCTGGACAC<br/> CCTCAGCTCTCTGCTTTGTGCTTATCTACAGGAGCATCGCCATTGGACTTCTGACCTCTTCTGTGTC<br/> TTTGAGGGACAGAGACCAAGCTAGATCCTTTTTCTCACCTTTCTGCCTTTGGAACACATGAAGATCATC<br/> TCGTCTATGGATCATGTTGACAACTAAGTTTTTTTTATTTTCCATTGAACCTCTAGTTGGCAATTT<br/> TGCACATTCATACAAAAAATTTTAAATGAAATGATTTTATTGATTGATGATGGATGGCAGAACTGCT<br/> GAGACCTATTTCCCTTTCTTGGGAGAGAATAAGTGACAGCTGATTAAAGGCAGAGACACAGGACTGCT<br/> TTCAGGCTCCTGGTTTATTCTCTGATAGACTGAGCTCCTTCCACCAGAAGGCACTGCCTGCAGGAAGAA<br/> GATGATCTGATGGCCGTGGGTGTCTGGGAAGCTCTTCTGTGGCCTCAATGCCCTCCTTTATCCTCATCTT<br/> TCTTCTATGCAGAACAAAAAGCTGCATCTAATAATGTTCAATACTTAATATTCTCTATTTATTACTTAC<br/> TGCTTACTCGTAATGATCTAGTGGGAAACATGATTCATTCACCTAAAATACTGATTAAGCCATGGGCA<br/> GGTACTGACTGAAGATGCAATCCAACCAAGCCATTACATTTTTTGAGTTAGATGGGACTCTCTGGATA<br/> GTTGAACCTCTTCACTTTATAAAAAAGGAAAGAGAGAAAATCACTGCTGTATACTAAATACCTCACAGA<br/> TTAGATGAAAAGATGGTTGTAAGCTTTGGGAATTAACAAACAAATACATTTTAGTAAATATATATT<br/> TTTAAATAGTC<br/> ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA<br/> CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</p> |
| <b>Restriction Sites:</b> | Sgfl-MluI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>OTI Disclaimer:</b>    | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Components:</b>        | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq:</b>            | <a href="#">NM_001860.3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Summary:</b>           | Involved in low-affinity copper uptake.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Locus ID:</b>          | 1318                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MW:</b>                | 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |