

Product datasheet for **SC319154**

TACO1 (NM_016360) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TACO1 (NM_016360) Human Untagged Clone
Tag: Tag Free
Symbol: TACO1
Synonyms: CCDC44; MC4DN8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016360.2
CAAGGGCCCCAGTCCCAGGTCGCCGGGACAGTGTAGGGTCATTAGCTGTTGAGCCG
CCCGGGCGGGCCCAAGCCTTTGGATCTCAGGTGACCGGCACAGGGCGCCGGGGTCCGG
AACTGCTTGTTCGGCAGTGGAAGAGACGCGCCGGCGTTGGCCGCTGCTGCTAGCAGCTT
GAACCCAGGGTCGGGACCGATGTCGGCTTGGGCTGCTGCCAGCCTAAGCAGGGCCGCTG
CCCGATGCTTGTGGCACGAGGCCCGGGGTGAGGGCGGCTCCTCCGCGGACCCCGGC
CCTCCACCCGAGCCCGGGGCTGCGGTGCCGCTCCGGGCAGGACGCTGCACCTTACC
CGGCTGTCCCGCCGGGCACAACAAGTGGTCAAAGTCAGGCACATCAAGGGTCCGAAGG
ACGTCGAAAGGAGTCGCATCTTCTCAAACCTGTTTTGAACATCCGCCTGGCAGTAAA
AAGGAGGCCCAACCCTGAGCACAACAGCAACCTGGCCAATATCTTAGAGGTGTGTGCA
GCAAACATATGCCCAAGTCAACGATTGAGACAGCACTGAAAATGGAGAAATCCAAGGACA
CTTATTTGCTGTATGAGGGTCGAGGCCCTGGTGGCTCTTCTCTGCTCATCGAGGCATTAT
CTAACAGTAGCCACAAGTGCCAAGCAGACATTAGACATATCCTGAATAAGAATGGAGGAG
TGATGGCTGTAGGAGCTCGTCACTCTTTTGACAAAAAGGGGTGATTGTGGTTGAAGTGG
AGGACAGAGAGAAGAAGGCTGTGAACCTAGAGCGTGCCCTGGAGATGGCAATCGAAGCAG
GAGCTGAGGATGTCAAGGAACTGAAGATGAAGAAGAAAGAACGTTTTTAAATTTATTT
GTGATGCCTCTTCACTGCACCAAGTGAAGGAAAGCTGGACTCCCTGGGCTGTGTTCTG
TGTCTGTGCACCTAGAGTTCATCCCAACTCAAAGGTGCAGCTGGCTGAGCCGACCTGG
AACAGGCCGCACATCTCATTGAGGCTCTCAGCAACCAGGAGTGTGATTACGCTATG
ATAACATTGAATAACCAGGCTACATGTGCCCGGGTTCCTTCTAGAAAATGTGGCAGCC
CATTCCAGCACACAGGCTTCTGCAGCAATCTCTGAGGGTAAAGCCGGTGGGAGGCTCAGC
AGGCCAGGAGGCCAAGGACAGGACTTGCACCTTGAAGCCAAAGGAATCTCACTTGTGG
GGCCTCCTGTGACGCTCTGCTGTCTCAGAGCCATCTGGATGAGTGTCCCGACCCCT
CTCGGATGCAGGGCAGGACCACCAGCTGGTCAGACTCTGATGTTGGGTAGCTGGCCTCT
GTGGGGATTGTAAGTGCCTGAGGCGCTCTGTACTAGAACTGCTTAAATAATAACGGT
GATTATTGTTGCTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



[View online »](#)

Restriction Sites:	Please inquire
ACCN:	NM_016360
OTI Disclaimer:	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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_016360.2 , NP_057444.2
RefSeq Size:	1491 bp
RefSeq ORF:	894 bp
Locus ID:	51204
UniProt ID:	Q9BSH4
Cytogenetics:	17q23.3
Domains:	DUF28
Gene Summary:	This gene encodes a mitochondrial protein that function as a translational activator of mitochondrially-encoded cytochrome c oxidase 1. Mutations in this gene are associated with Leigh syndrome.[provided by RefSeq, Mar 2010]