

Product datasheet for **RN211984**

Taco1 (NM_001108302) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Taco1 (NM_001108302) Rat Untagged Clone
Tag: Tag Free
Symbol: Taco1
Synonyms: Ccdc44; RGD1306784
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211984 representing NM_001108302
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATGTCTTGGGCTGCCGCCCGCTGACAGAGACTGCTGCCGATGCTTTCGTGCGCGATGCCTCGTT
TCCGCGTGGTCTTGGTGGCTCTCCAGCATGAAAACCCAGCTATGGTGCAGTCCACACAGGACGCT
GCGTGTACAGCGCTGTGGCCTTCGCGGGACACAATAAATGGTCTAAAGTCCGGCACATCAAAGGCCCAAG
GACATGGAAGGAGTGAATCTTCTCTAAACTCACTCTCAGTATCCGCCTGGCGTTAAAGAGGGAGGTC
CTAACCTGAGAACAACAGCAGCCTGGCCAACATCTTAGAGGTGTGTCGAGCAAGAATATGCCAAGTC
AACCATTGAGTCAGCACTGAAGTCAGAGAAAAACAAGGGCATTATTTGCTGTATGAGGGTCGTGGCCCT
GGTGGCTCTTCTGCTCATTGAGGCATTATCGAACAGTGGTCCCAAGTGCCATCTGAAATTAATATA
TCCTGAACAAGAATGGGGGAATGATGACTGAAGGAGCAGTCACTTCTTTGACAAAAAGGAGTGGTTGT
GGTTGGAGTAGAGGATAGAGAGAAGAAAGCTGTGAACCTAGAGCGGCCCTAGAAGTGGCCATCGAAGCA
GGAGCTGAGGATGTGAGGAAGCTGAAGATGAAGAGGAAGAAAAGAACCTTTTCAAATTTATTTGTATG
CTTCTTCACTACATCAAGTGAGGAAAAAAGTGGACTCCCTGGCCTGTGTTCTGTATCCTGTTCACTGGA
GTTTATCCCCCACTCAAAGGTGCAGCTGTCTGAACCTGAGCTGGAGCAGGCTGTCCACCTCATCCAGGCT
CTTAGCAACCATGAGGACGTGATTACGTTTATGACAATATCGAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108302
Insert Size: 888 bp



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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).
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:	<u>NM_001108302.1</u> , <u>NP_001101772.1</u>
RefSeq Size:	1386 bp
RefSeq ORF:	888 bp
Locus ID:	360645
UniProt ID:	<u>B2RYT9</u>
Cytogenetics:	10q32.1
Gene Summary:	Acts as a translational activator of mitochondrially-encoded cytochrome c oxidase 1. [UniProtKB/Swiss-Prot Function]