

Product datasheet for **SC214298**

COA5 (NM_001008215) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	COA5 (NM_001008215) Human 3' UTR Clone
Symbol:	COA5
Synonyms:	6330578E17Rik; C2orf64; CEMCOX3; MC4DN9; Pet191
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001008215
Insert Size:	1468 bp



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Insert Sequence:	>SC214298 3'UTR clone of NM_001008215 The sequence shown below is from the reference sequence of NM_001008215. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCAAGATTCAGAGGAAGAAAAGGATATGATGCATTATGTTGAAGCCAACATGGAAAACAACAAATATT TTCCCTGGTCATTAACACAAAAGAGCCAAAACAGGAAACATACTTTTACTACATCTGTTTGGTTGGAC CAGATTTCCCTCCGTGGAACTGAAGAAAGTGGATGAGTTGTTTTCGAATATGTATAAAGTAAATGA TTCTCTTGATCCAAGTTATTTTAGAAGAAAACCTAATTGAACAGGTATGGGTTGGGAGCATAATAAA TGTGTTTTGAGAATTGTTCTAAGCACAGAAAATGAAAGACTGTTATTTGCAAACCTTGACTCTTCAAT TGAATTACCAATTAGTACAGGCCACTGATTTGACTGACACAGTCGATAACATGCAGCCTATCCAGAAG GTGTCTGTTGGGAAAGTTTAGGATAAACTTTTTCTTTAGTTCAGTCTTTTCTGTCTAGTTCTAAAT GAATTGTGTTTGATTCCTTAGAGAAGAACTTCAATTTGTGCTCTGATTCACTGAAGTAATAACCTCA GCACTTTAATAGCGTCCACAGGCATAGCTGATGCTAGGCCCCAGATTGTGTTGCCAGGCTCTTACCA TCATCTTCGGACTGTTTTGTTTCTGGTTACATTTTCAGTCTGGCCCGCTCTACATAATGGGCCAGTG TCAGCTCCAAGTCCACATCCTTATTATCCATGATTCAAAAGGGAGAGAGAACTTCCTTTTTCAGGGT CCACAAATCAAATCTATAAAAGGACTCTGGTCTTCCCAGGATCACCTGCCCTTGCAATGGACCAGTCCC TGTGGAAGAGGGGATGGGGGCTGTGATCTTGGCCAGGCTGGGCTATCTATCTGCACTGTCATTGCTA ACTCTGTGAGAATCACATGGATGAGTAGTGGGCTGAATCCAAAAGGAAAGGGGTTAGAGCAAGTGG AAACAACAGATGTTCACTATAGAAAGCAAGAATGAAAACCATGAAGTGGTTGAAGATTAGCCTTACAGT AATTTTATTCTGATCACTTAATACAGTAGAGTCAAAACAGGAATCCAAGTTTCCAACCTTTATTATTTTG GCACTGAAGAATTACAAAGAACTTAGCGTCTTTATACCTCCGTGGTTCAGTGGAGTTAAAGCAATCGG GGCGTTGTACAGCTCACTTGAGTTTTTAAAGGTTCTACTAAAAAGTGAGAATTCCACAGCAATATGGGT CATTGTTGCAGAAATACAAAGGTCTGTTGTGTATACTCTTTTACCAGGAAAGGGACAATAATAGT TTTTTTCAATGTATATATATAAGTGATCTAACTTTTTTATTAATAAAAGTAAACAACCTCTAAAATGTA TATTATAAAGCCCTGTCATCTTTGTTGAGTAATAGCTTTATTGAGCTTTATTTGGAGAAATACACATAC CGTAAAATTCACACTGAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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.
RefSeq:	<u>NM_001008215.3</u>
Summary:	This gene encodes an ortholog of yeast Pet191, which in yeast is a subunit of a large oligomeric complex associated with the mitochondrial inner membrane, and required for the assembly of the cytochrome c oxidase complex. Mutations in this gene are associated with mitochondrial complex IV deficiency, a disorder of the mitochondrial respiratory chain with heterogeneous clinical manifestations, ranging from isolated myopathy to a severe disease affecting several tissues and organs. [provided by RefSeq, Dec 2011]

Locus ID: 493753

MW: 56.5