

Product datasheet for **SC215011**

COLQ (NM_080539) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	COLQ (NM_080539) Human 3' UTR Clone
Symbol:	COLQ
Synonyms:	CMS5; EAD
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_080539
Insert Size:	1541 bp



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Insert Sequence: >SC215011 3'UTR clone of NM_080539
The sequence shown below is from the reference sequence of NM_080539. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACTCCACGCCCTGCCGCTACTTCACCTGAGGGCCGTGAGGAGAAGGTGGGCTGCGCCCCACAGAATG
GCAGCAGCTTCTCCACTGTCATCAAAGTGGCCATGTCCTGGCCCCGTCTCCACCAACCTTTGTGTGACA
AAAACAAGGACAAATTCTGCTACTAAGACATGCTGTTAACTCAGTCTGACTGGAAGAATTTAGGACCA
CTGCATCTGTCTTAATCCAAGGTACTGGAAAACCTTCCACATGCCAACCTGAGACCTGTTCCCATC
GCTACCATTTGGCCAAACAACCGGCTACAATGCTCTTCTCTTCTGGAATGTTGTGACCCAGGCGGTG
GACTTGGCTGAGCACTGTTAGACACACACAGACCTGCAGGCTGTTTTAGAATGTTTTGATCTCTTTGGG
GAATCTGGAGTACAGGCCTCTCCGCCCTGACCACCGAAACGTGCAGGCATTCTCACTCACACTGGGCA
GCCCGCTGTCGGGTCTCTTAGGCCTATGAACCACAAAGCAGGGAAGTGGGCACGTTCTCTCGGGGTGG
CTCACAGCTTTGAACCTGCCAAAGGACCCTCGACTGGCCACAGCCCAGCCCAGCCTGACGTGGATGTG
GCTGCCAGGAAAAGACTTAAGTGTGAAAAAGTACTGAGAACCCACCTGACCCAGGCTTGCCCCAAGCA
GAGGCTAGAGAAGAGGCTCCTCTTCTCAGTGTTTCCAAAGGGGCGGCTCTTGTTGGTTTCAAATCTCT
GGCACCATCTTGACCTCTTGCTCTCTGCACTTTGCCCTGTCTCAAAAATGTCCTCATGTCCAT
TTCCTGTCCAGGAGACTCATGAGGACTGTGTGACCTGCACAAGCCACACCTGGGAGGCTGTTGGTGT
CTCCTTGGTCTTAGGAGACTACTCCCTGAGTCCCGATCTAGGGCCAGCTGCAGAGGGCTCTCTCTA
GGCAGAGCGTTCTGGCCAGAGCTCTACCTCTTGCCTCTGCTGACCCCTGACAGCGTCCCGTGGCAT
TTCTTTTCATGTCTGCATATTGCATAGCCTTGTCTCCTGTGTGCTGAGCTCCTCCCTTTCAATAAGA
TTATTAGTCGTGCATGTCTGTGAGCTGCCTTTTCATCACCATTTTCTGAGTAGGGCTTAGTTTTATTC
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CAGCTGGAGGGACACCCTTGGGTTTTGTACGAAGCTATTTAATGAGCCTGTGTCTTGGGGACTCAGCA
GGCTGGAGCTTGGGGCTGGTGGACCATCACCTGGTGTCTGTAGGTGGACCCGGTCTCCACAGGTGAC
ATCAACCTGAGGGTGGCGTCTTTAGAGACAGGCACATGGGCAGCCCTGTTCCCTTCGCCTCTACTGCGA
GGCCTGGGAGATGTTGTTTTCATGCTGCTTCCACCATCACACTGGGTTTCTGGATGGGAAATAAAAA
AATAAAGGCAGTTCATTTCCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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: NM_080539.4

Summary:	This gene encodes the subunit of a collagen-like molecule associated with acetylcholinesterase in skeletal muscle. Each molecule is composed of three identical subunits. Each subunit contains a proline-rich attachment domain (PRAD) that binds an acetylcholinesterase tetramer to anchor the catalytic subunit of the enzyme to the basal lamina. Mutations in this gene are associated with endplate acetylcholinesterase deficiency. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	8292
MW:	55.5