

Product datasheet for **SC215013**

COLQ (NM_080538) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	COLQ
Synonyms:	CMS5; EAD
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_080538
Insert Size:	1543 bp



Insert Sequence:

>SC215013 3'UTR clone of NM_080538

The sequence shown below is from the reference sequence of NM_080538. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GACTCCACGCCCTGCCGTACTTCACCTGAGGGCCGTGAGGAGAAGGTGGGCTGCGCCCCACAGAACTG
GCAGCAGCTTCTCCACTGTCATCAAAGTGGCCATGTCTGGCCCCGTCTCCACCAACCTTTGTGTGACA
AAAACAAGGACAAATTCCTGCTACTAAGACATGCTGTTAACTCAGTCTGACTGGAAGAATTTAGGACCA
CTGCATCTCTGTTAATCCAAGGTACTGAAAACTTCCACATGCCAACCTGAGACCTGTTCCCATC
GCTACCATTGGGCCAAACAACCGGCTACAATGCTCTTCTCTGGAATGTTGCTGACCCAGGCCGTG
GACTTGGCTGAGCACTGTTAGACACACAGACCTGCAGGCTGTTTGAATGTTTGTATCTCTTTGGG
GAATCTGGAGTACAGGCCTCTCCGCCCTGACCACGAAACGTGCAGGCATTCTCACTCACACTGGGCA
GCCCGTGTGGGTCTCTAGGCCTATGAACCACAAAGCAGGGAAGTGGGCACGTTCTCTCGGGTGG
CTCACAGCTTTGAACCTGCCAAAGGACCCCTCGACTGGCCACAGCCAGCCAGCCTGACGTGGATGTG
GCTGCCCAGGAAAAGACTTAAGTGTGAAAAAGTACTGAGAACCACCTGACCCAGGCTTGCCCCAAGCA
GAGGCTAGAGAAGAGGCTCCTCTTCTCAGTGTTTCCAAAGGGGCGGCTCTTGTGGTTTCAAAATCTCT
GGCACCATCTTGACCTCTTGGCTCTCTGCACTTTGCCCTGTCTCAAAAATGTCCTCATGTCCAT
TTCCTGTCCAGGAGACTCATGAGGACTGTGTGACCTGCACAAGCCACACCTGGGCAGGCTGTTGGTGT
CTCCTTGGTCTTAGGCAGATACTCCCTGAGTCCCGATCTAGGGCCAGCTGCAGAGGGCTCTCTCTA
GGCAGAGCGTTCTGGCCAGAGCTCTACCTCTTGCCTCCTGTGACCCCTGACAGCGTCCCGTGGCAT
TTCTTTTCATGTGTCATATTGCATAGCCTGTCTCCTGTGTGCTGAGCTCCTCCCTTTTCAATAAGA
TTATTAGTCGTGCATGTCTGTGAGCTGCCTTTCATCACCATTTCCTGAGTAGGGCTTAGTTTTATTC
TGGAAGACATCTCCAAGGTGAGGTCCACCCACAGCAGACCTCAAGTAGAAATTGCCAATTTTAC
CAGCTGGAGGGACACCTTGGGTTTTGTACGAAGCTATTTAATGAGCCTGTGTCTTGGGACTCAGCA
GGCTGGAGCTTGGGGCTGGTGGACCATCACCTGGTGTCTGAGGTGGACCCGGTCTCCACAGGTGAC
ATCAACCTGAGGGTGGCGTCTTTAGAGACAGGCACATGGGCAGCCCTGTTCCCTTCGCCTCTACTGCGA
GGCCTGGGAGATGTTGTTTTCATGCTGCTCCACCATCACACTGGGGTTTCTGGATGGGAAATAAAAA
AATAAAGGCAGTTCATTTCCCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:NM_080538.2

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:	55.7