

Product datasheet for **SC200782**

CLACP (COL25A1) (NM_198721) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CLACP
Synonyms:	AMY; CFEOM5; CLAC; CLAC-P; CLACP
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_198721
Insert Size:	2000 bp



Insert Sequence:

>SC200782 3'UTR clone of NM_198721

The sequence shown below is from the reference sequence of NM_198721. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TTACCCATGCCTGGCTGTTGGCAAAAGTGAATCTAACCTTTCAAGCATGAAGTTGTGTATATAAGG
GTCCATTTTAAATTTATAGTTGAAAAGTGAATTGCAGATTTTACAAGCTGAGATATGTTTACATAG
GGCTGCTTCTTCTGCTGGCAGTAGTATACATGTCCATTTTACTCCACTTACATCTGAAATTTGGGCAA
TTTGTGAAACCAAGTGAAGATCCTGCAAAAAATATAGATCAGTATCTCCTTATCTTATGTGAAGATACGT
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TGAAAAATGACTATACTGACTGATTTTAGAGCTGATTATCACATTTCCATTACCTTTTATGTGCGCGT
TGACTCATACCTACACCACCCATTGAACTAACTAAAAAGCATGACTGTGTGCCAACCTGCTTGCTG
TGCAACTTCAGATGCTAGCATGTTGATCAGGAGTCCTTTGATTACATCTGAACCTTTATTCTTTTGTG
ATCTCAAGGGGGTTACACCATGGCTTATTGCCAAAAAGAGATAAGGTGGCGGAGAGCACACACAATT
TGTCTTGATTTTGGAGGAGTTGCAGTCTGACTGCAGATCTACAGCTTCCAGTATTGTGGGCTCATGT
GGCCACTTTGGTTGAAATACGAAGGGGTTGAGCCTGTTGCTGCCACCAGTTTCTTGGGCTGCCCTTG
GCAGTGAAGACATGGGAAGAGGACCGATTGAGCCTCCAGCACTGCCTCTCATGTGACCAAGTAGGAAAG
AGGTTTACAAATGCAACATGCAGAACACAGACTTTAAAAATATGTATAAAATAAACTGAATTTAGCA
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GTGCCAAAGTTGTTGTGAGAGCTTTCTTCTCTACGATCCAACCATGTCAAACATTTCTACAAAGT
TTGAGAAACAGGTATTTTTCATTCTTTTAAATGCTTTTCTTTTCTTTCTTTAGTCCCAAGAATATT
GAAAAAATATTAGTTTCAGTTTGTGACATATGTTTGAACAATTTTAAAGAAGTCTTCAAATCAT
AATAATTTGGCTCCAGTAGTCAAAATGACCTTTTACTAACTTCTCTTTTGGATAATTGGATAGA
ATATAAAGAAGCTCCACTTTTCACTAATCATGTAAAGCATGAAAGTTATGCATTTTAAAGTAGTTT
TGACTTTTTTACATGATGAATGTAACTGACATGGAGATTATCAGTTAATATAAAGCCAAGATTTTGTG
ACATTTGGTAATATTAATAATTTCTATTTTATGGTTTAAAGTTTGTCTATTTAGATTTCTTTCT
CTTTTTTAACATTTCTAAATGTTTGTCTCATCCTCATATCCACAGACCAATCTAAGATCTCAGAAAGCT
GTGAAATATAGTTGCCATAAAGAAAATATTTTTCATCTACTTGCTCAAACCTTTACCTAACCATATTAGA
TGGAACATTTCTTTCACAGTAAGAGAGTTGGTAGCGTGTTTGAAATGGCTTATTCTAAGTGGAAGTGT
TACATTGAAAGAAACATTATCAATGAGGAGTAGGCACCCTTTCAGCCATTAGAGAATTTAATTTCTCT
CCTGACTCAATGCCATCTTCTGGGAAGATTCTAGTTTCATGCATAGGTGTCACCACCAAGAGGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_198721.4

Summary: This gene encodes a brain-specific membrane associated collagen. A product of proteolytic processing of the encoded protein, CLAC (collagenous Alzheimer amyloid plaque component), binds to amyloid beta-peptides found in Alzheimer amyloid plaques but CLAC inhibits rather than facilitates amyloid fibril elongation (PMID: 16300410). A study of over-expression of this collagen in mice, however, found changes in pathology and behavior suggesting that the encoded protein may promote amyloid plaque formation (PMID: 19548013). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Locus ID: 84570

MW: 77.2