

## Product datasheet for **SC202593**

### CLACP (COL25A1) (NM\_032518) Human 3' UTR Clone

#### Product data:

|                                  |  |
|----------------------------------|--|
| <b>Product Type:</b>             | 3' UTR Clones  |
| <b>Symbol:</b>                   | CLACP  |
| <b>Synonyms:</b>                 | AMY; CFEOM5; CLAC; CLAC-P; CLACP   |
| <b>Mammalian Cell Selection:</b> | Neomycin   |
| <b>Vector:</b>                   | pMirTarget (PSI00062)  |
| <b>ACCN:</b>                     | NM_032518  |
| <b>Insert Size:</b>              | 276 bp   |
| <b>Insert Sequence:</b>          | <p>&gt;SC202593 3'UTR clone of NM_032518<br/>The sequence shown below is from the reference sequence of NM_032518. The complete sequence of this clone may contain minor differences, such as SNPs.<br/>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC TTGCTGTTAGGAAATCAGGTCTTCAGAGAGGAATGAAGAAGGCTGTACTGCCAGATATAAGGGCA CTGCCTGGCATAGAAGAAAAATTATTATCACCAGATATTCTAGCTACAGTTTTCAACCACTGACAC CAATTTATGAAAAATAAAGGATTTTGAAGAAAAATCATTTTAAAAAGTAAATTAATGACACAAA ACGCGTAAGCGGCCGCGCATCTAGATTTCGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| <b>Restriction Sites:</b>        | SgfI-MluI  |
| <b>OTI Disclaimer:</b>           | 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).  |
| <b>Components:</b>               | 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.   |



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| <b>Note:</b>     | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.  |
| <b>RefSeq:</b>   | <u><a href="#">NM_032518.4</a></u>  |
| <b>Summary:</b>  | 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] |
| <b>Locus ID:</b> | 84570   |
| <b>MW:</b>       | 10.8  |