

Product datasheet for **SC319819**

CKAP4 (NM_006825) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CKAP4 (NM_006825) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CKAP4 |
| Synonyms: | CLIMP-63; CLIMP63; ERGIC-63; p63 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for NM_006825.2
 AGCCAATGGGGCTCGCTCGCCTCCCAGCCCGCGGCCGAGCCCGCCGCGCCGCCATG
 CCCTCGGCCAAACAAAGGGGCTCCAAGGGCGGCCACGGCGCCGCGAGCCCTCGGAGAAG
 GGTGCCACCCGTCGGGCGGCGGGATGACGTGGCGAAGAAGCCGCCCGCGGCCGCGAG
 CAGCCGCCCGCCCGCCCGCCGCGCACCCGAGCAGCACCAGCAGCAGCACCAGCAGAAC
 CAGGCGCACGGCAAGGGCGGCCACCGCGCGGCGGCGGCGGCGGCGGCAAGTCTCTCTCC
 TCCTCTCGCCCTCCGCCCGCGCTGCCCGCCCGCCGCTCGTCTCGGGTCTCTGCTCG
 CGCAGGCTCGGCAGGGCGCTCAACTTTCTTTCTACCTCGCCCTGGTGGCGGCGGCGCT
 TTCTCGGGCTGGTGCCTCACCACGTCCTGGAGGAGTCCAGCAGGTCCGGCGCAGCCAC
 CAGGACTTCTCCCGCAGAGGGAGGAGTGGGCCAGGGCTTGCAGGGCGTCGAGCAGAAG
 GTGCAGTCTTTGCAAGCCACATTTGGAATTTTGTAGTCCATCTTGAGAAGCTCCCAACAT
 AAACAAGACCTCACAGAGAAAGCTGTGAAGCAAGGGGAGAGTGAAGTCCAGCCGATCAGC
 GAAGTGTGCAGAACTCCAGAATGAGATTCTCAAAGACCTCTCGGATGGGATCCATGTG
 GTGAAGGACGCCGGGAGCGGGACTTACGTCCCTGGAGAACACGGTGGAGGAGCGGCTG
 ACGGAGCTCACAAATCCATCAACGACAACATCGCCATCTTACAGAAGTCCAGAAGAGG
 AGCCAGAAGGAGATCAATGACATGAAGGCAAGGTTGCCTCCCTGGAAGAATCTGAGGGG
 AACAAAGCAGGATTTGAAAGCCTTAAAGGAAGCTGTGAAGGAGATACAGACCTCAGCCAAG
 TCCAGAGAGTGGGACATGGAGGCCCTGAGAAGTACCCCTCAGACTATGGAGTCTGACATC
 TACACCGAGGTCCGCGAGCTGGTGAAGCTCAAGCAGGAGCAGCAGGCTTTCAAGGAGGCG
 GCCGACACGGAGCGGCTCGCCCTGCAGGCCCTCACGGAGAAGCTTCTCAGGTCTGAGGAG
 TCCGTCTCCCGCTCCCGGAGGAGATCCGGAGACTGGAGGAAGAGCTCCGCCAGCTGAAG
 TCCGATCCCACGGGCCAAGGAGGACGGAGGCTTCCAGACTCGGAAGCCTTTGAGGCA
 CTCCAGCAAAAGAGTCAGGGACTGGACTCCAGGCTCCAGCAGTGGAGGATGGGGTGTCT
 TCCATGCAGGTGGCTTCTGCGCGCCAGACCGAGAGCCTGGAGTCCCTCCTGTCCAAGAGC
 CAGGAGCACGAGCAGCGCTGGCCGCCCTGCAGGGGCGCCTGGAAGGCCTCGGGTCTCA
 GAGGCAGACCAGGATGGCCTGGCCAGCACGGTGAAGGAGCCTGGGCGAGACCCAGTGGT
 CTCTACGGTGACGTGGAGGAGTGAAGAGGAGTGTGGGCGAGCTCCCGCAGCCGTGGAA
 TCACTCCAGAAGTGCAGGAGCAGGTGCACACGCTGCTCAGTCCAGGACCAAGCCAGGCC
 GCCCGTCTGCCTCCTCAGGACTTCTGGACAGACTTTCTTCTCTAGACAACCTGAAAGCC
 TCAGTCAGCCAAGTGGAGGCGGACTTAAAATGCTCAGGACTGCTGTGGACAGTTTGGTT
 GCATACTCGGTCAAATAGAAACCAACGAGAACAATCTGGAATCAGCCAAGGGTTTACTA
 GATGACCTGAGGAATGATCTGGATAGGTTGTTTGTGAAAGTGGAGAAGATTACGAAAAAG
 GTCTAAATGAATTGCGTGTGCAGGGCGCGGATTTAAAGTCCAATTTCTCATGACCAAAAA
 ATGTGTGGTTTTTTCCCATGTGTCCCCTACCCCAATTTCTTGTCCCCTCTAAAGAGC
 AGTTGTACCACCTGAACACCAAGGCATTGTATTTTATGCCAGTTAACTTATTTACAA
 TATTTAAGTTCTCTGCTTCTGCATTTGGTTGGTTTCTGAAGCGCAGCCCTGTGAATAA
 CAGGTGGCTTTTTCATGGATGTCTAGTCAGAGAAAAATGATAAAGGCTTAAATTGAGGA
 TTAACAGAAGCAGATTAACCTCAGAAATCCTGTCTGGCTGGCAGATTTCAAGTAAAAAAA
 AAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_006825
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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| Components: | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). |
| Reconstitution Method: | <ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. |
| RefSeq: | <u>NM_006825.2</u> , <u>NP_006816.2</u> |
| RefSeq Size: | 2913 bp |
| RefSeq ORF: | 1809 bp |
| Locus ID: | 10970 |
| UniProt ID: | <u>Q07065</u> |
| Cytogenetics: | 12q23.3 |
| Protein Families: | Druggable Genome, Transmembrane |
| Gene Summary: | High-affinity epithelial cell surface receptor for APF.[UniProtKB/Swiss-Prot Function] |