

Product datasheet for **MC219222**

Ckap4 (NM_175451) Mouse Untagged Clone

Product data:

| | |
|---------------------------|----------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Ckap4 (NM_175451) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ckap4 |
| Synonyms: | 5630400A09Rik; CLIMP-63; P63 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC219222 representing NM_175451
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCTCGGCCAAACAAAGGGCTCCAAGGGCGGCCACGGCCGCGAGCCCTCGGACAAGGGCGCCC
 ACCCGTCGGGCGGCGCGGATGACGTGGCGAAGAAGCCGCGCGGCGCGCCGAGCAGCCGAGCCTCCCGC
 GCCGACCCGCCGAGCACCCGCAAGAACCAGGCGCACCGGGCGGCCACCGCGGCCGGTCTCAGCCGCC
 ACCGCCAACGCGTCTCCGCGTCTGCTCGCGCAGGCTTGGCCGGGTGCTCAACTTTCTTCTACCTCT
 CCCTGGTGGCGGCGGCCCTTCTCGGGCTGGTATGTCCATCACGTCTGGAGGAGGTCCAGCAGGTCCG
 GCGTGGCCACCAGGACTTCTCCCGTCAGAGGGATGAGCTGGGCCAGGGCTTGACAGGGCTCGAGCAGAAG
 GTCCAATCCCTGCAAGCCACATTTGGGACTTTCGAGTCCCTCTGAGAACTCCCAGCATAAACAGGATC
 TCACAGAGAAAGCCGTGAAGGAAGGGGAGAGCGAGCTCAACCGAATTAGCGAAGTTCTACAGAAGTTGCA
 GAATGAGATTCTCAAAGATCTGTCGGACGGGATCCACGTGGTGAAGGATGCCCGGAGCGGGACTTCAGC
 TCCTTGAGAAACACAGTCGAGGAGCGCCTGACGGAGCTTACCAAGTCTATCAATGACAACATCGCCATCT
 TCACTGATGTCCAGAAGAGGAGCCAGAAGGAGATCAATGAGGTCAAGATGAAGGTGGCCTCCCTGGAAGA
 ATCCAAGGGGGATCGCAGTCAGGACGTGAAAACCTGAAGGACGCCGTGAAGGAGGTCCAGGCCTCCATG
 ATGTCGAGGGAGAGGGACATTGAGGCCCTGAAGAGTTCCTTTCAGACGATGGAGTCCGACGTCTACACAG
 AGGTGCGGGAACCTGGTGAAGCCTCAAGCAGGAGCAACAGGCGTTCAAGCAGGCGGCCGACTCAGAGCGCCT
 GGCTCTGACGGCCCTCACGGAGAAGCTTCTGCGGTCCGAGGAGTCTCTCTCGTCTCCAGAGGACATC
 CGGAGACTGGAGGAAGAGCTACAGCAGCTGAAGGTGCGGGCCCATGGGTGAGGGAAGGTGCCGTCTTCA
 AAGACTCAAAGCCTTAGAGGAAGTGCAGAGGAGGATTGAGGGCCTGGGTGCCAGGCTCCAGTATGTAGA
 GGACGGGGTCTACTCAATGCAGGTGGCTTCTGCACGCCACCCGAAAGCCTGGAGTCGCTCCTGTCCAAG
 AGCCAGGAGTACGAGCAACGCCTGGCTATGCTGCAGGAGCACGTGGGAAACCTGGGCTCCTCATCTGACC
 TGGCCAGCACAGTCAGGAGCCTGGGGGAGACCCAGCTGGCGCTGTCCAGCGACTTGAAGGAGCTGAAGCA
 GAGCCTGGGTGAGCTGCCCGGTACCGTGGAGTCACTGCAGGAGCAAGTGTCTCACTGCTCAGCCAGGAC
 CAAGCCCAGGCCGAGGGCTTGCCTCCTCAGGACTTCTGGACAGACTGTCTCTAGACAACTGAAAT
 CCTCAGTGAGCCAAGTGGAGTCACTTGAATAAGTCTCAGGACTGCCGTGGACAGTTTGGTGGCCTATTC
 CGTCAAAATCGAAACGAATGAGAATAACTTAGAGTCAGCCAAGGGCTTGGTGGATGACCTCGGGAACGAC
 CTGGATAGGTTGTTTCTGAAAGTTGAGAAGATCCATGAAAAGATC**TAA**

CTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACG
 ATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2213_d12.zip

Restriction Sites: SgfI-XhoI

ACCN: NM_175451

Insert Size: 1728 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:

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: [NM_175451.1](#), [NP_780660.1](#)

RefSeq Size: 2915 bp

RefSeq ORF: 1728 bp

Locus ID: 216197

UniProt ID: [Q8BMK4](#)

Cytogenetics: 10 C1

Gene Summary: High-affinity epithelial cell surface receptor for APF.[UniProtKB/Swiss-Prot Function]