

Product datasheet for **RC210851**

PACAP (ADCYAP1) (NM_001117) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PACAP (ADCYAP1) (NM_001117) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: PACAP
Synonyms: PACAP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC210851 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCATGTGTAGCGGAGCGAGGCTGGCCCTGCTGGTCTATGGGATAATCATGCACAGCAGCGTCTACA
GCTCACCTGCCGCCGCGGACTCCGGTTCGCCGGGATCAGGCCAGAGGAAGAGCGTACGGCGAGGACGG
AAACCCGCTGCCAGACTTCGATGGCTCGGAGCCGCCGGGCGCAGGGAGCCCGCTCCGCCCGCGCGCC
GCCGCCGCTGGTACCGCCGGCCGGGAGAAGAGATGTCGCCACGGGATCCTTAACGAGGCTACCGCA
AAGTGCTGGACCAGCTGTCCGCCGGAAGCACCTGCAGTCGCTGTGGCCGGGGCGTGGGTGGGAGCCT
CGGCGGCCGCGCGGGGACGACGCGGAGCCGCTCTCAAGCGCCACTCGGACGGGATCTTACCGGACAGC
TACAGCCGCTACCGAAACAAATGGCTGTCAAGAAATACTTGGCGCCGCTCTAGGGAAGAGGTATAAAC
AAAGGGTTAAAAACAAAGGACGCCGAATAGCTTATTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC210851 protein sequence
Red=Cloning site Green=Tags(s)

MTMCSGARLALLVYGIIMHSSVYSSPAAAGLRFPGIRPEEEAYGEDGNPLPDFDGSEPPGAGSPASAPRA
AAAWYRPAGRRDVAHGILNEAYRKVLDQLSAGKHLQSLVARGVGGSLGGGAGDDAEPLSKRHSDFITDS
YSRYRKQMAVKKYLA AVL GKRYKQ RVK NKGRRIAYL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6008_d10.zip



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Cytogenetics: 18p11.32

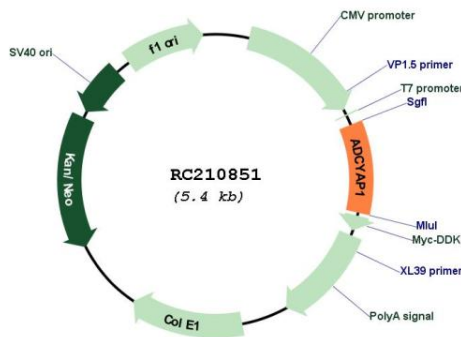
Domains: GLUCA

Protein Families: Secreted Protein

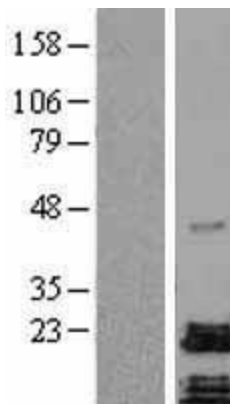
MW: 18.8 kDa

Gene Summary: This gene encodes a secreted proprotein that is further processed into multiple mature peptides. These peptides stimulate adenylate cyclase and increase cyclic adenosine monophosphate (cAMP) levels, resulting in the transcriptional activation of target genes. The products of this gene are key mediators of neuroendocrine stress responses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2013]

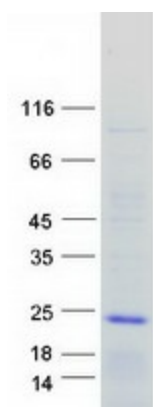
Product images:



Circular map for RC210851



Western blot validation of overexpression lysate (Cat# [LY420506]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC210851] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ADCYAP1 protein (Cat# [TP310851]). The protein was produced from HEK293T cells transfected with ADCYAP1 cDNA clone (Cat# RC210851) using MegaTran 2.0 (Cat# [TT210002]).