

Product datasheet for **RC228089**

ARP10 (APOBEC3H) (NM_001166004) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARP10 (APOBEC3H) (NM_001166004) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ARP10
Synonyms: A3H; ARP-10; ARP10
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC228089 representing NM_001166004
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCTGTTAACAGCCGAAACATTCGCTTACAGTTTAAACAAGCGCCGCCTCAGAAGGCCTTACT
 ACCCGAGGAAGGCCCTTGTGTTACCAGCTGACGCCGAGAATGGCTCCACGCCACGAGAGGCTACTT
 TGAACAAGAAAAGTCCATGCAGAAATTTGCTTTATTAACGAGATCAAGTCCATGGGACTGGACGAA
 ACGCAGTGCTACCAAGTCACTGTTACCTCACGTGGAGCCCTGCTCCTCTGTGCCTGGGAGCTGGTTG
 ACTTCATCAAGGCTCACGACCATCTGAACCTGGGCATCTTCGCCCTCCGCCTGTACTACCACTGGTGCAA
 GCCCAGCAGAAGGGGCTGCGGCTTCTGTGTGGATCCCAGGTCCCGGTGGAGGTCATGGGCTTCCCAAT
 TCCAGGGGTACGTGCGCAGGGTCTTACATGGATATATTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC228089 representing NM_001166004
 Red=Cloning site Green=Tags(s)

MALLTAETFRLQFNKRRLRRPYPRKALLCYQLTPQNGSTPTRGYFENKKKCHAEICFINEIKSMGLDE
 TQCYQVTCYLTWSPCSCAWELVDFIKAHDHLNLGIFASRLYYHWCKPQQKGLRLLCGSQVPVEVMGFNP
 SRGTCAGSLHGYIV

TRTRPLEQK**L**ISEEDLAANDILDYKDDDDK**V**

Chromatograms: https://cdn.origene.com/chromatograms/ja1251_a03.zip



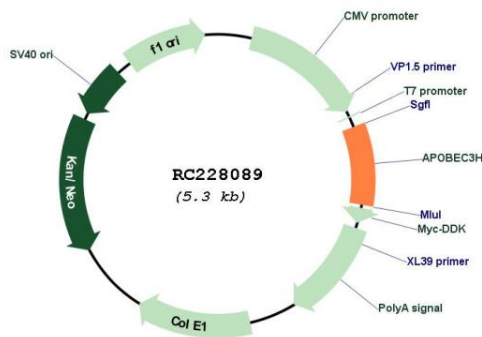
[View online »](#)

Cytogenetics: 22q13.1

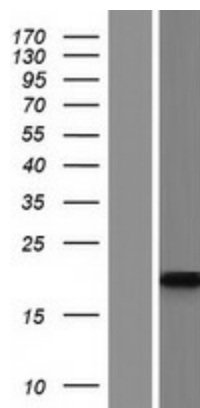
MW: 17.6 kDa

Gene Summary: This gene encodes a member of the apolipoprotein B mRNA-editing enzyme catalytic polypeptide 3 family of proteins. The encoded protein is a cytidine deaminase that has antiretroviral activity by generating lethal hypermutations in viral genomes. Polymorphisms and alternative splicing in this gene influence its antiretroviral activity and are associated with increased resistance to human immunodeficiency virus type 1 infection in certain populations. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009]

Product images:



Circular map for RC228089



Western blot validation of overexpression lysate (Cat# [LY431117]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC228089 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).