

Product datasheet for **RC213252**

AGAP8 (AGAP4) (NM_133446) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AGAP8 (AGAP4) (NM_133446) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	AGAP8
Synonyms:	AGAP-4; AGAP-8; AGAP8; CTGLF1; CTGLF5; MRIP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC213252 representing NM_133446
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGAACATACTGACCTGTCGTGTGCACCCTAGCGTCAGCCTCGAGTTTGACCAGCAGCAGGGGTCGG
TGTGTCCCTCTGAATCTGAGATCTATGAGCAGGAGCTGGGGACAGGATGGCAGGAGCGCCCATGGCTGC
TGCTGTACAGCCTGCTGAGGTGACTGTTGAAGTTGGTGAGGACCTCCACATGCACCACGTTCTGTGACCGG
GAGATGCCTGAAGCTTTGGAGTTAACCCTTCTGCCAATCCAGAGGCAAGCACAATATCCAGAGGAACT
CTCAAACAGATGTTGTAGAAATAAGAAGAAGCAACTGTACAAACCATGTATCTACTGTGCGTTTCAGTCA
ACAATACAGCTTGTGTTGACAATATTCCTTGATGACAGCACAGCCATCCAGCATTATCTTACAATGACA
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AGAAAGGGAGTGACCCAGACAAAGAGAGAAAGCCCGGAGAATCATGCTGACACCATCGGGAGCGGCAG
AGCCATCCCCATTAACAGGGCATGCTCTTAAAGCGAAGTGGAAATGGCTGAAGACATGGAAAAAGAAA
TACGTCACCCTGTGTTCCAATGGCGTGCTCACCTATTATTCAAGCTTAGGTGATTATATGAAGAATATTC
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TCCATATGCTTCAGCCCCAGTATCTCCAGCACCACCAGCCCCAAGCTCAACCCGCCCTCTCCTCATG
CCAATAAAAAAGAACACCTAAAGAAGAAAAGCACCAACAACCTTATGATTGTGTCTGCCACTGGCCAAAC
GTGGCACTTTGAAGCCACGACGTATGAGGAGCGGGATGCCTGGGTCCAAGCCATCCAGAGCCAGATCCTG
GCCAGCCTGCAGTCATGCGAGAGCAGTAAAAGCAAGTCCCAGCTGACCAGCCAGGCAAGGCCATGGCCC
TGCAGTCGATCCAAAACATGCGTGGGAACGCCACTGTGTGGACTGTGAGACCCAGAATCTTAAGTGGG
CAGTTTGAACCTGGGAGTCTCATGTGTATTGAATGCTCAGGAATCCACCGCAGTCTTGGCACCCGCTT
TCCCGTGTGCGATCTCTGGAGCTGGATGACTGGCCAGTTGAGCTCAGGAAGGTTATGTCTATTGGCA
ATGACCTAGCCAACAGCATCTGGGAAGGGAGCAGCCAGGGGAGACAAAACCTCAGAAAAGTCCACGAG
GGAAGAGAAGGAACGGTGGATCCGTTCCAATATGAGGAGAAGCTTTTCTGGCCCCACTACCCTGCACT
GAGCTGTCCCTGGGCCAGCAGCTGCTGCGGGCCACCGCTGATGAGGACCTGCAGACAGCCATCCTGTGC
TGGCACATGGCTCCCGTGAGGAGGTGAACGAGACCTGTGGGGAGGAGACGGCTGCACGGCGCTCCATCT
GGCCTGCCGAAGGGGAATGTGGTCTGGCGCAGCTCCTGATCTGGTACGGGGTGGACGTATGGCCGA
GATGCCACGGGAACACAGCGCTGACCTACGCCGGCAGGCTCCAGCCAGGAGTGCATCAACGTGCTTC
TGCAGTACGGCTGCCCGACAAGTGTGTG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_133446.3](#), [NP_597703.2](#)

RefSeq Size: 2420 bp

RefSeq ORF: 1992 bp

Locus ID: 119016

UniProt ID: [Q96P64](#)

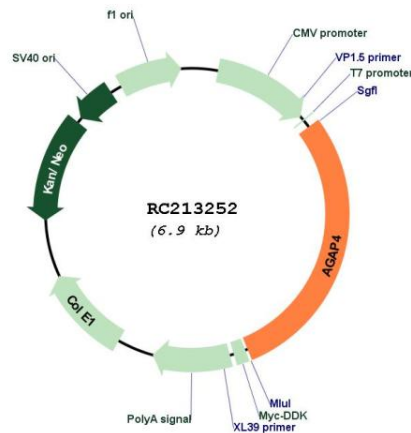
Cytogenetics: 10q11.22

Domains: ArfGap, PH, ANK

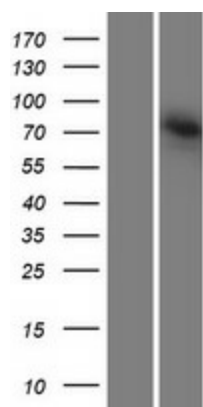
MW: 72.9 kDa

Gene Summary: Putative GTPase-activating protein.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC213252



Western blot validation of overexpression lysate (Cat# [LY408787]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC213252 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).