

Product datasheet for MR229687

Agap3 (NM_001256431) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Agap3 (NM_001256431) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Agap3
Synonyms:	AGAP-3; AV028425; Centg3; cnt-g3; Crag; Crag.; MRIP-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229687 representing NM_001256431 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACTCCAGGCAGGCGGGGGCCAGAGTCTCAGCAGCAGCAGAGCCTGGCGGCTCCGGGGACCGGG
GCGGGCGGCGGCGGCGGGGGCGGGGCGGGCAGTTCGGCGGCGGGGCCCGAGCCGGGGTGGCGG
CCCTCGCAGCAGCTGGCTGGCGGCCCCCAGCAGTTCGCGCTCTCCAACCTCGGCCGCTATCCGAGCC
GAGATCCAACGCTTCGAGTCGGTACACCCCAACATCTACGCCATCTACGACCTGATCGAGCGAATCGAGG
ATTTGGCGCTGCAGAACCAGATCCGGGAGCACGTATCTCCATCGAGGACTCATTGTGAACAGCCAGGA
GTGGACCTGAGCCGCTCTGTGCCAGAGCTTAAAGTGGGCATAGTGGCAACCTGTCTAGTGGGAAATCA
GCCTTGGTTCACCGATATCTGACAGGGACTTATGTCCAGGAAGAGTCCCCTGAAGGGGTCGATTTAAAA
AGGAGATTGTAGTGGATGGCCAGAGTTACCTGCTGCTGATCCGGGATGAAGGAGGCCCCCTGAACCTCA
GTTTGTGCTCGGTGGTGGATGCGGTGGTGTGTGTTGAGCCTGGAGGATGAAATCAGCTTCCAGACGGTG
TACAACACTTCTACGCCTCTGCAGCTTTCGAAATGCCAGCAGGTGCCATGGTGTGGGACAC
AGGATGCCATCAGTGCCGCAATCCCCGGGTATTGATGACAGCAGGGCCCGCAAACTGTCCAGACGCT
GAAGCGCTGTACCTACTATGAAACATGCGCAACCTATGGGCTCAATGTGGAACGAGTCTTCCAGGACGTG
GCCCAGAAGGTGGTAGCCTTGGAGGAAGAAGCAGCAGCTGGCGATCGGGCCCTGCAAGTCCCTGCCAACT
CACCCAGCCACTCGGCCGTGTCAGCTGCCTCCATCCCAGCTGTGCACATCAATCAGGCCACCAACGGAGG
CAGCAGCGCCTTCCAGCGACTACTCGTCTCAGTCCCCTCCACCCCTAGCATCAGCCAGCGGGAGCTGCGC
ATCGAGACCATCGCTGCCTCCTCCACCCACGCCCATCCGAAGCAGTCCAAGCGGCGTTCTAACATCT
TCAGGATATGTGCCACTGTTTCCAACCTTTTCATCAACAAAAGGCCTTTCCAACCTCTTCCAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229687 representing NM_001256431
 Red=Cloning site Green=Tags(s)

MNFQAGGGQSPQQQSLAAPGTGGGGGGAGGGGQFGGAGPGAGGGGPSQQLAGGPPQFALSNSAAIRA
 EIQRFSVHPNIYAIYDLIERIEDLALQNQIREHVVISIEDSFVNSQEWTLRSRVPCLKVIGVGNLSSGKS
 ALVHRYLGTGYVQEESEPEGGRFKKEIVVDGQSYLLLRDEGGPELQFAAWVDVAVVVFVLEDEISFQTV
 YNYFLRLCSFRNASEVPMVLVGTQDAISAANPRVIDDSRARKLSTDLKRCITYETCATYGLNVERVFQDV
 AQKVVALRKKQQLAIGPCKSLPNPSHSAVSAASIPAVHINQATNGSSAFSDYSSVSTPSPISQRELR
 IETIAASSTPTPIRKQSKRRSNIFTICATVSNFSSTKRPFLLPN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

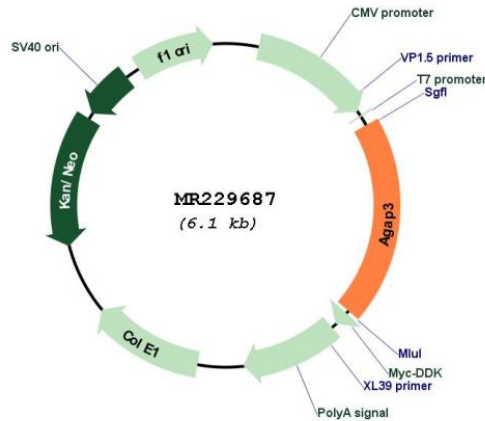
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001256431

ORF Size:	1185 bp
OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001256431.1 , NP_001243360.1
RefSeq Size:	2074 bp
RefSeq ORF:	1188 bp
Locus ID:	213990
Cytogenetics:	5 A3
MW:	42.7 kDa