

Product datasheet for **RG238973**

CENTG3 (AGAP3) (NM_001281300) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CENTG3 (AGAP3) (NM_001281300) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CENTG3
Synonyms:	AGAP-3; CENTG3; cnt-g3; CRAG; MRIP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238973 representing NM_001281300.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
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AGTCCTAGCCTCCTA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG238973
 Blue=ORF Red=Cloning site Green=Tag(s)

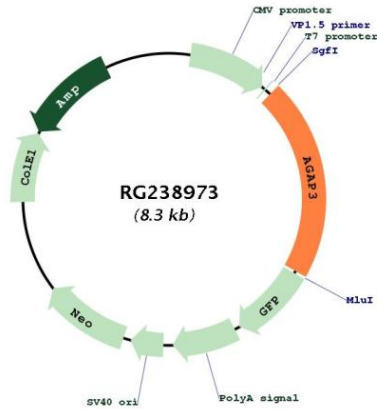
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Restriction Sites:

SgfI-MluI

Gene Summary:

This gene encodes an essential component of the N-methyl-D-aspartate (NMDA) receptor signaling complex which mediates long-term potentiation in synapses by linking activation of NMDA receptor to alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor trafficking. The encoded protein contains an N-terminal GTPase-like domain, a pleckstrin homology domain, an ArfGAP domain and several C-terminal ankryn repeat domains. [provided by RefSeq, Apr 2017]

Product images:


Circular map for RG238973