

Product datasheet for **MG205437**

Akap8l (BC051015) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akap8l (BC051015) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Akap8l
Synonyms:	HAP95; Nakap95
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205437 representing BC051015 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTACACAGGTTTTGTCCAAGGATCCGAAACCACTTTGCAGTCTACGTAAGTGTGACACCAGTGCC
AGCCACCTGTGATTATGGATATGGAACCTGGAACCTGAGGACAATAGAGGCTACGAGAAGTATGGTTA
TGGCTATGGCTATGGCCAGGATAACACCACCAACTATGGGTATGGTATGGCCACTCACACTCTGGGAA
ATGGCTAGCTCTGACACAAATGCAAACCTAGTGCCTCGGGTAGCGCCAGTGCCGATTCCGTTTTATCCA
GAATTAACCAGCGCTTAGATATGATGCCGCACTGGAGACAGACATGATAACAAGGAGGTGTGTACGGCTC
AGGTGGTGGAGAGAGATATGACTCCTATGAGGCCGTGTGACTCAAGGGCCATCCTGAGTGAACGAGACCTC
TACCGGTCAAGCTATGACTATGGCGAGCTTGACCTGAGATGGAATGGCCTATGAGGGCAATATGATG
CCTACCGTGACCAGTTTCGAATGCGTGGAGGAGATACATTTGGTCCAAGGGCTCAGGGCTGGGCCGGGA
TGCCCGGAGTGGACGGCAATGGCTCGGGCTATGGGCGCATGTGGGAAGATCCCATGGGGGCCGGGGC
CAGTGATGCCTGGTGCCTCCGGCTGCCCTCCCTCTTCTCCAGAACATCATACCCGAGTATGGCATGT
TCCAGGGCATGCGTGGTGGGGTGCCTTCTGTTGGCTCCCGATTTGGCTTTGGATTTGGCAATGGCAT
GAAGCAGATGAGGCGTACCTGGAAGACCTGGACCACAGCCGACTCCGGACCAAAAAGAAGAAGAGAAAG
CAGGGTGGCAGTCTGATGAGCCAGACAGCAAAGCTACCAGAAGCAGACTGCTCAGACAACAGTACTGAC
ACAATGATGAAGCACTGAGGGGGAAGCTGCAGAGGGTACTGAAAGTGTGAGGCTATGGAGAAAAGGCTC
CCGAGCAGAAGGAGAAGACGAGGAGGAAAAGAGGATGGGAGAGAAGCAAGAAGATTCCGAGAAAAGGT
AAGTCTTCCATGGTTACC

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205437 representing BC051015
 Red=Cloning site Green=Tags(s)

MSYTGfVQGSETTLQSTYCDTSAQPTCDYGYGTWNSGTNRGYENYGYGYGQDNTTNYGYGMATSHSWE
 MASSDTNANPSASGSASADSVLSRINQRLDMMPHLETDMIQGGVYSGGGERYDSYEACDSRAILSERDL
 YRSSYDYGELDPEMEMAYEGQYDAYRDQFRMRGGDTFGPRAQGWARDARSGRPMASGYGRMWEDPMGARG
 QCMPGASRLPSLFSQNI IPEYGMFQGMRGGGAFSGGSRFGFGNGMKQMRRTWKTWTTADFRTKKKKRK
 QGGSPDEPDSKATRTDCSDNSDSDNDEGTEGEAAEGTESAEAMEKGSRAEGEDEEGKEDGREGKEDSEKG
 KSSMVT

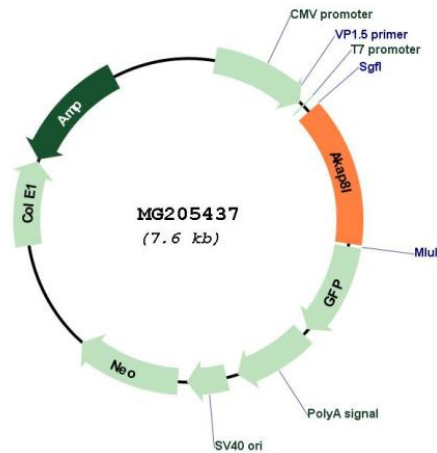
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC051015

ORF Size:	1070 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:	BC051015
RefSeq Size:	4479 bp
RefSeq ORF:	1070 bp
Locus ID:	54194
Cytogenetics:	17 B1