

## Product datasheet for **MG215225**

### Akap6 (NM\_198111) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Akap6 (NM\_198111) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Akap6  
**Synonyms:** AI482140; Akapalpha; Akapbeta; PRKA  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG215225 representing NM\_198111  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTAACCATGAGTGTGACCCTTCCCACTGCGGTCCAGGACCCAGACCCCATGGCGACTGATGCCT  
CGCCCATGGCCATCAACATGACACCTACCGTGGAGCAGGAGGAAGGAGAGGGAGAAGAGGCCGTGAAGGA  
CGTGGGTGCTGAGCAGCAGTATGAAAGCCACCTCCACTCCACACAGCAGCCGACTGGAAGATTGCCTG  
CACTTACCTGAGATTGAGACCTGGCTCCGATGACCTCAGAGAGGGTCCGTGACCTAACCTACTCGGTCC  
AGCAGGATGCAGACAGCAAGCATGTGGATGTGCATCTAGTTCAGCTAAAGGATATTTGCGAGGATATTTCC  
CGACCAGTGGAGCAGATCCATGCCCTCCTTGAGACGGAGTTCTCCCTGAAGCTGCTGTCCTACTCGGTC  
AATGTCATCGTAGACATCCACGCAGTGCAGCTGCTCTGGCACCAGCTCCGCGTATCCGTGCTGGTCTCC  
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ACAGAGGTGGACATGAGGAAGATGGCGCTTGAACCTGGAGAGCAGCTGGGCTCAACACTGGAGAGCTC  
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GCGATTGCTTTAATTATAACGAGGACTCTCCACGCAGCCACATTGCCAAAAGAGGGCTATTTCTAAA  
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AAACCGCGACTGAAAAAGCCTCACAAAGACCTTGGCCGAGGTGTCCCTGTGCAAAATACCTAAACGGGGAA  
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AACCCAGAGGAGAGACTATCCAGGATATTGATGACTGGGAACTGTCTGAGATGAATTCAGACTCTGAAAT  
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AATGAATCAGAAGTCCAGGATGAAGCTGCTAAGCCAGAACAAATGACAGCCAGCTCTTCTGTGTTCCGTG  
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TTAACCTGCAAAGAGAAGCTCGTAAGCTTTCATGAAGATCGACATAGTAACATGCATAGG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:** >MG215225 representing NM\_198111  
 Red=Cloning site Green=Tags(s)

MLTMSVTLSPLRSDPPMATDASPMAINMPTVEQEEGEGEEAVKDVGAEEQQYGGKPPPLHTAADWKIVL  
 HLPEIETWLRMTSERVRDLTYSVQQDADSKHVDVHLVQLKDICEDISDHVEQIHALLETEFSLKLLSYSV  
 NVIVDIHAVQLLWHQLRVSVLVLRRERILQGLQDANGNYTRQTDILQAFSEETEGRLDSLTEVDDSGQLT  
 IKCSQNYLSLDCGITAFELSDYSPSEDLLGGLGDMTTSQAKTKSFDWSYSEMEKEFPPELIRSVGLLTVA  
 TEPVPSSCGAANEDSSQVILSEDRGGHEEDGALEPGEQLGSTLETSSLGDTLTNAAEHPPETANQDSTS  
 SPQLGAKKSQPGPCEMMTPKRSIRDCFNYNEDSPTQPTLPKRGLFLKETLKNERRGSDGKGRVVDLKPEL  
 SRSTPSLVEPPDRSKLCLVLQSSYPSSPSAASQSYECLHKVIGIENLIVRSHIKEISSSLGRLTDCHE  
 KPRLKPKHKTAEVSLCKIPKRGTGSGKQSENTRSSVPTMVSPGAPKATARPATDSASTSGDTC HQRN  
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 ESETLNVIDPGLMDLNGMSEDALEWDETDISNKLISVHEESNDLDQDLEPMVPTVKLEETHHKDSGYEEE  
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 AANVLEQKFKDEGECIKLSSVSQASVSPVGCVNGKAGDLNSITKHHTDCLGDELQGKHEVFTFYDYSYLQ  
 GSKLKFPIMKQPQSEKAHLEDPLLRGFYFDKKSCKPKHQTSESQPDAPLHEKILASAPHEMGRSSYKSS  
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 DPQHPERGDCTSVQNSCSGLLLETGGGSRQDSGLKSLNDAPSVARNAAGCCLLEQNETEESASISSST  
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 NESEVQDEAAKPEQMTASSSVFRDETDTVPLSGLSPQKGAADAKGEGDGASHTSQGCVESAEPTTPPGKAK  
 REGSSRKQSVSGTPEENAASAKPKIQAFSLNAKQPKGKAALYPSQTLTCKEKLVSFHEDRHSNMHR

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI



**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\\_198111.2](#), [NP\\_932779.2](#)

**RefSeq Size:** 10263 bp

**RefSeq ORF:** 6924 bp

**Locus ID:** 238161

**Cytogenetics:** 12 C1