

Product datasheet for **MG217033**

Efcab6 (NM_001161629) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Efcab6 (NM_001161629) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Efcab6
Synonyms:	4931407K02Rik; 4932408N08Rik; bM150J22.2; mKIAA1672
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG217033 representing NM_001161629
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGAAGAACATGGATGTAACAGAAAGTTGCAGATTCAGAGCTAGCCTGTGAGCAGGCTCATCAGT
 ACCTCATCATGAAAGCCAAAACAGATGGGCAGACCTGTCCAAGAATTTATAGAAAACGGATAATGAGGG
 CAACGGCATCCTCCGGCGAAGGGACATCAAGAAGTTCGCTCTATGGCTTTGACATCCCCCTCACCCCAAGA
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 CTCATGAACCATTATGAGGAGATCAGCAAGGCGTTCAACGCAATGAAAAATCCAAGCCCGTCGCCCTTT
 GCAGGGTGCGAAGGTGTACAGGAATGTGGGTGTCCCTTGAAGGAGGAGGAGCTCATCAGCCTTCTGAA
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 CCCCAGATGAGGTGATAAAGACCATGCAGGAGGTGGTGGAGTCCCTCCAGCCTGCTTTGGTGGAGGCCCT
 CTCTGCACTGGATAAAGAGGACACAGGGTTCGTGAAGGCTATGGAATTTGGAGATGTCTGCGGAGCGTA
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 GAGAGCCGGCTCCGAAACAGATCCAGGGCTGCTGGCGGAGCTGCTGAGGGAGTGAAGGAGAAAGACA
 CGGACAAGCAGGGGACCATCTCTGCAGCTGAGTTCCTGGCGCTCGTGGAGAAGTTCAAGCTGGACATCAG
 CAGGGAGGAGAGCCAGCAGCTCATCGTCAAGTACGACCTGAAGAACAACGGCAAGTTCGCCTACTGCGAC
 TTCATCCAGAGCTGCGTCTGCTGCTGAAGGCCAAGGAGACCTCTCTGATGCGGAGGATGAGGATCCAGA
 ATGCGGACAAGATGAAAGAAGCTGGCATGGAGACACCTTCTTTTACTCGGCCTTGTACGGATCCAGCC
 TAAGATCGTTCACTGCTGGAGGCCATGCGGCGTTCTTCAAGACCTACGACAAGAACGGAACGGGACTC
 CTGAGTGTGGCTGACTTCAGGAAGGTGCTGCGGCAGTACAGCATTAACTGTCTCAGAGGAGGAGTTCTTCC
 ACGTGTCTCGAGTACTATGACAAATCACTGTCTTCAAGATTTCTACAATGACTTCTGCGTGCCTTCT
 GCAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG217033 representing NM_001161629
 Red=Cloning site Green=Tags(s)

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MSKKHGCKQKVADSELACEQAHQYLIMKAKTRWADLSKNFIETDNEGNLRRRDIKNSLYGFDIPLTPR
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ESRLRKQIQGCWRELLRECKEKDQKGTISAAEFLALVEKFKLDISREESQQLIVKYDLKNGGKFAYCD
FIQSCVLLLKAKETSLMRRMRIQNADKMKEAGMETPSFYALLRIQPKIVHCWRPMMRSFKTYDKNGTGL
LSVADFRKVLQYSINLSEEEFHVLEYDYDKSLSSKISYNDFLRAFLQ
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001161629

ORF Size: 2034 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:

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_001161629.1](#), [NP_001155101.1](#)

RefSeq Size: 2412 bp

RefSeq ORF: 2037 bp

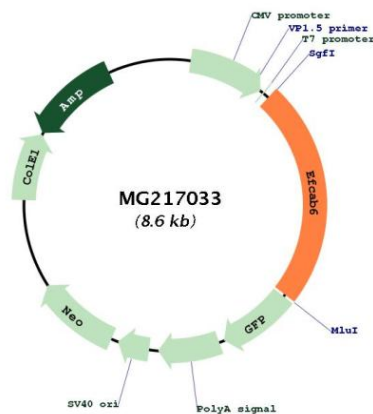
Locus ID: 77627

UniProt ID: [Q6P1E8](#)

Cytogenetics: 15 E1-E2

Gene Summary: Negatively regulates the androgen receptor by recruiting histone deacetylase complex, and protein DJ-1 antagonizes this inhibition by abrogation of this complex.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG217033