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Product datasheet for MC224627

Efcab6 (NM_029946) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Efcab6 (NM_029946) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Efcab6
Synonyms:	4931407K02Rik; 4932408N08Rik; bM150J22.2; mKIAA1672
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

Fully Sequenced ORF:

>MC224627 representing NM_029946
Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
GCCC

ATGAAGCGCAACGGCACCAGGCTAAACTTTGCTAAAGCCAACAGCACCAAGTCGGGTAGCACAAGAGCAA
GGGATTTAATGAACAAAATGTCGATTATACCAGAATGGCATAGCTTGTACTCTAACACCCGGAAGCTGCC
ATGTTCCCGTCCCCACTCCTCGCCATGCAAAATGCAGAGAACTATCTTCCAAGATTTATGCAGACCCTCT
TCATCAACCACCGCGATCGCCAACCCAGTTCTGTCCTACTTAGACATTGAACGGATTCTAGCTCAGAAGA
TTTCCAGCAGAAGGGATGACATAAAGAAAGTCTTCCAGATACTCGACCGGAACCACAACCAGATGGTGAC
GAAGGGAGATCTGAAGAGAGTCATCACGGCTTTCCTCATTCCGCTCACCAAAGATCAATTCCAGGACCTG
CTGGCCCAGATCCCGATCAGCAGCTTGGGTAACGTGCCGTACCTTGAATTCCTCTCCAGGTTTGGTGGTG
GAATTGATATAAACATCAATGGTATAAAGAGGGTAAATGAAAACGAGGTAGATAACAGACGAACAGTCAA
AGAAGTCCAACTCACTGAAAAGATCTTCCGGAACATGAGGAGCATCAGGAAAGTCTTCCAGGTCATGGAT
GTCAACAACACAGGCCTGGTGCAGCCCCAGGAGCTGAGGCGCGTTCTGGAGACATTCTGCCTGCGGATGC
AGGATGGTGATTATGAGAAGTTCTTGGAACAGTACAACATCGACAAAACCACTGCAGTGGATTACAATGC
TTTCCTGAAGAATCTCAGTGTTAAAAATGATGCCAGCTTTAAATACCTACTGTCCAATGCGGCAGAACTC
TCAAGGGAGACTCAACAAGGCAAAAATGGCAAGAGGCTGCTCGACACCGGGTCGTCTGAGGATGTCTGGA
AGAACTACTCCTTAGATGACCTGGAGAAGACCTTTTGCCAAGAGTTTTCGAAGTCGTATGAAAAGATCGA
GAAAGCCCTCAGCGCAGGAGACCCCTCCAAAGGTGGCTACATCTCTCTGAATTACCTGAAGGTTGTCCTT
GATACCTTCATATACAGGCTACCGAGGAGAATTTTTATCCAGTTAATAAGAAGATTTGGACTTAAAACCA
GCACGAAAATCAACTGGAAGCAGTTTCTTACAGCAATTTATGAGCGGCAGAAGTTGGAAGTCAGTAAGAC
ACTTCCCCTGAAAAAAAGAAGCAGCACTGAAGCTAGAAACCGGTCTCGCAAGGAAAATATCATCAAGAAG
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ATTCAGTGAGCTGAAGCAGACGTTTGACCCCGAGGGCACTGGAGCAGTGAGGGTCAACTCCCTGTTGGAT
GTACTGGATGACAGCACTAAGGTGAGAAAAATGTCCCCTTCTACAGACACCAAGACACCTCTGCCTGTGG

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CTTGGGATTCAGTAGAGGAATTGGTGCTGGACAGCATCACCAGGAACCTCCAGGCCTTTTACAGCATGCT
GCAGTCGTACGACCTTAGGGACACGGGGACCATAGGGAAAAATAACTTCAGGAAAGTCATGCGTGTATTC
TGCCCATATCTATCAAATGAGCACTTAGTAAGATTCTCCAGTAAGTTCCAAGAAGCCGGCTCAGGAAGGA
TACTGTACAAGAAATTTCTGTTATCCATTGGTGTGGGTATCCCACCACCTACACCCCCGCTGTCTTCTCC
GAAGGTTCAGCTAAGTGACCAGTTTCAAATTGAGGAGCCGGGCCAGCAGGATGAGAGAACCCAGCCCTCC
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AGCAGAAGGACCCAGTATTCAGAAAGCAGTTTCTTAGCATCAGCAAGGAACCTGATGTAAAGATCAACCA
AGAGGAATTCCGGAAGGTCCTAGAGAGAAGTGGAATGCCTATGAATGACTGCCAGTATGCGATGCTGGCT
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TGCTGAGCGGACTGGAAACTGTCCCATTGCAGTCCCGCACGGCCTCAAGAACGAACATGGATGAGCACTT
CATATCTGCCGAGGAATGCCTGAGAATTTTCCCTAAGAAACTGAAGGAATCCTTCCGGGACGTGTACTCC
GCCTTCTTTAGAATAGACTTGGACAGGGATGGCATTATAAGCATGCACGACTTTCACAGACTGCTGCAGT
ACCTACAGCTCAACATGGTCGACCTCGAGTTTGAGCGCTTCCTCAGCCTCCTGGGCCTGAGACTTAGTGT
CACTCTAAACTTCCGAGAGTTCCAGAACCTGTGTGAGAAGAGGCCCTGGAAATCAGATGAGGCACCTCAA
AGGCTCATCAGATGTAAACAGAAAGTTGCAGATTCAGAGCTAGCCTGTGAGCAGGCTCATCAGTACCTCA
TCATGAAAGCCAAAACCAGATGGGCAGACCTGTCCAAGAATTTCATAGAAACGGATAATGAGGGCAACGG
CATCCTCCGGCGAAGGGACATCAAGAACTCGCTCTATGGCTTTGACATCCCCCTCACCCCAAGAGAATTT
GAGAAGCTTTGGCAAAACTATGACACCGAGGGAAGGGGTTATATCACGTACCAAGAGTTCCTGCACAGAC
TGGGCATTCGATACTCCCCGAAGGTCCACCGGCCCTACAAGGAAGACTACTTCAACTTCCTGGGTCACTT
CACGAAGCCCAAGCAGGTCCAGGAGGAAATCCAGGAGCTACAGCAGATCAGTGAGAGGGAGAAACTCATG
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TGCAGAAGGTGCTACAGGAATGTGGGTGTCCCTTGAAGGAGGAGGAGCTCATCAGCCTTCTGAAGAGCTT
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AGCAAAGCTCGCCCAAAGGAGAAGGAGGAAAGCTCGCCACCGCCCATCAGCTTCTCTAAGGTGACCCCAG
ATGAGGTGATAAAGACCATGCAGGAGGTGGTGGAGTCCTCCCAGCCTGCTTTGGTGGAGGCCTTCTCTGC
ACTGGATAAAGAGGACACAGGGTTCGTGAAGGCTATGGAATTTGGAGATGTCCTGCGGAGCGTATGCCAA
AAGCTAACGGATAACCAATATCATTACTTCTTGAGGAGATTAAGGCTCCACCTAACACCCAACATACACT
GGAAATACTTCCTGGAGAACTTCAGCACCTTCCAGGACGAGACTGCTGACGACTGGGCAGAGAACATGCC
CAAGGCCCCGCCCCCCATGTCCCCCAAAGAAACAGCCCACAGAGACATCGTGGCACGAGTGCAGAAGGCA
GTAGCGTCTCACTACCACACGATTGTCCAGGAGTTTGAGAACTTCGACACCCTGAAAAGCAACACGGTTT
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GTGGAGCGAGCTGCCTGTCAATGCCAAGGGGAGGCTAAAGTACCAGGACTTCCTCAGCAAGTTGAGCATC
GAGAGGGTGCCCTCGCCGCCCATGGCCGCAGGCGACTCTGGAGAATCGACCATGGCCCAGCGGGGAAGCA
GCGCCCCTGAGTTCTCCCAAGGGACCAGGTCCAACCTCTACTCGCCACCTCGGGACTCCAGAGTGGGGTT
GAAATCACGGAGCCACCCCTGTACCCCAGTGGGCACCCCACCCCTACAGAACTGCGAGCCCATCGAGAGC
CGGCTCCGCAAACAGATCCAGGGCTGCTGGCGGGAGCTGCTGAGGGAGTGCAAGGAGAAAGACACGGACA
AGCAGGGGACCATCTCTGCAGCTGAGTTCCTGGCGCTCGTGGAGAAGTTCAAGCTGGACATCAGCAGGGA
GGAGAGCCAGCAGCTCATCGTCAAGTACGACCTGAAGAACAACGGCAAGTTCGCCTACTGCGACTTCATC
CAGAGCTGCGTCCTGCTGCTGAAGGCCAAGGAGACCTCTCTGATGCGGAGGATGAGGATCCAGAATGCGG
ACAAGATGAAAGAAGCTGGCATGGAGACACCTTCCTTTTACTCGGCCTTGCTACGGATCCAGCCTAAGAT
CGTTCACTGCTGGAGGCCCATGCGGCGTTCCTTCAAGACCTACGACAAGAACGGAACGGGACTCCTGAGT
GTGGCTGACTTCAGGAAGGTGCTGCGGCAGTACAGCATTAATCTGTCAGAGGAGGAGTTCTTCCACGTGC
TCGAGTACTATGACAAATCACTGTCTTCGAAGATTTCCTACAATGACTTCCTGCGTGCCTTCCTGCAGTA
G

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI

ACCN: NM_029946

Insert Size: 4551 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_029946.4, NP_084222.4
RefSeq Size:	5031 bp
RefSeq ORF:	4551 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] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).