

## Product datasheet for **MC220663**

### Efcab6 (NM\_001161628) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Efcab6 (NM_001161628) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Efcab6
Synonyms:	4931407K02Rik; 4932408N08Rik; bM150J22.2; mKIAA1672
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220663 representing NM\_001161628  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCTATGAATGACTGCCAGTATGCGATGCTGGCTTCCAAGTTAGGCTTCAAGAACGAAGAAGGCATGA  
 GCTATCAGGACTTCAACATGGGATTTGAAGACTGTATGCTGAGCGGACTGGAAACTGTCCCATTCAGTC  
 CCGCACGGCCTCAAGAACGAACATGGATGAGCACTTCATATCTGCCGAGGAATGCCTGAGAAATTTCCCT  
 AAGAACTGAAGGAATCCTTCCGGGACGTACTCCGCCTTCTTTAGAATAGACTTGACAGGGATGGCA  
 TTATAAGCATGCAGACTTTCACAGACTGCTGCAGTACCTACAGCTCAACATGGTCGACCTCGAGTTTGA  
 GCGCTTCTCAGCCTCTGGCCTGAGACTTAGTGTCACTCTAACTTCCGAGAGTTCCAGAACCTGTGT  
 GAGAAGAGGCCCTGAAATCAGATGAGGCACCTCAAAGGCTCATCAGATGTAACAGAAAGTTGCAGATT  
 CAGAGCTAGCCTGTGAGCAGGCTCATCAGTACCTCATCATGAAAGCCAAAACCAGATGGGCAGACCTGTC  
 CAAGAATTTTCATAGAAACGGATAATGAGGGCAACGGCATCTCCGGCGAAGGGACATCAAGAACTCGCTC  
 TATGGCTTTGACATCCCCCTCACCCAAGAGAATTTGAGAAGCTTTGGCAAAACTATGACACCGAGGGAA  
 GGGTTATATACGTACCAAGAGTTCCTGCACAGACTGGGCATTCGATACTCCCCGAAGGTCACCCGGCC  
 CTAACAAGGAAGACTACTTCAACTTCTGGGTCACTTACGAAGCCCAAGCAGGTCAGGAGGAAATCCAG  
 GAGCTACAGCAGATCAGTGAGAGGGAGAAACTCATGAACCATTATGAGGAGATCAGCAAGGCGTTCAACG  
 CAATGGAAAAATCCAAGCCCGTCGCCCTTTCAGGGTGCAGAAGGTGCTACAGGAATGTGGGTGTCCCTT  
 GAAGGAGGAGGAGCTCATCAGCCTTCTGAAGAGCTTGGACGTCACTGTGCATAACAATCACATCGACCT  
 GTCGAATTCCTGAGAGCGCTTGAATCAGTCACTGGCCAGCAAAGCTCGCCAAAGGAGAAGGAGGAAAGCT  
 GCCCACCGCCATCAGCTTCTCTAAGGTGACCCAGATGAGGTGATAAAGACCATGCAGGAGGTGGTGGGA  
 GTCCTCCAGCCTGCTTTGGTGGAGGCCTTCTCTGCACTGGATAAAGAGGACACAGGGTTCTGTAAGGCT  
 ATGGAATTTGGAGATGTCTGCGGAGCGTATGCCAAAAGCTAACGGATAACCAATATCATTACTTCTTGA  
 GGAGATTAAGGCTCCACCTAACACCCAACATACACTGGAATACTTCTGGAGAACTTCAGCACCTTCCA  
 GGACGAGACTGCTGACGACTGGGCAGAGAACATGCCCAAGGCCCGCCCCCATGTCCCCAAAGAAACA  
 GCCCACAGAGACATCGTGGCAGGAGTGCAGAAGGCAGTAGCGTCTCACTACCACAGATTGTCCAGGAGT  
 TTGAGAATTCGACACCCGAAAAGCAACACGGTTTCCAGAGACGAGTTCAGGTCCATCTGCACCCGCCA  
 CATAAGATCCTGACAGACGAGCAGTTTACAGACTGTGGAGCGAGCTGCCTGTCAATGCCAAGGGGAGG  
 CTAAGTACCAGGACTTCTCAGCAAGTTGAGCATCGAGAGGGTGCCTCGCCGCCATGGCCGAGGGC  
 ACTCTGGAGAATCGACCATGGCCAGCGGGGAAGCAGCGCCCTGAGTTCCTCCAAGGGACAGGTCCAA  
 CCTCTACTCGCCACCTCGGGACTCCAGAGTGGGTTGAAATCACGGAGCCACCCCTGTACCCAGTGGGC  
 ACCCCACCCCTACAGAACTGCGAGCCCATCGAGAGCCGGCTCCGCAAACAGATCCAGGGCTGCTGGCGGG  
 AGCTGCTGAGGGAGTGAAGGAGAAAGACCGGACAAGCAGGGGACCATCTGCACTGAGTTCCTGGC  
 GCTCGTGGAGAAGTTCAAGCTGGACATCAGCAGGGAGGAGCCAGCAGCTCATCGTCAAGTACGACCTG  
 AAGAACAACGGCAAGTTCGCCTACTCGCACTTCATCCAGAGCTGCGTCTGCTGCTGAAGGCCAAGGAGA  
 CCTCTCTGATGCGGAGGATGAGGATCCAGAATGCGGACAAGATGAAAGAAGCTGGCATGGAGACACCTTC  
 CTTTTACTCGGCCTTGTACGGATCCAGCCTAAGATCGTTCAGTCTGGAGGCCATGCGGCGTTCCCTTC  
 AAGACCTACGACAAGAACGGAACGGGACTCCTGAGTGTGGCTGACTTCAGGAAGGTGCTGCGGCAGTACA  
 GCATTAATCTGTGAGGAGGAGTTCTTCCACGTGCTCGAGTACTATGACAAATCACTGTCTTCAAGAT  
 TTCCTACAATGACTTCTGCGTGCCTTCTGCAGTAG

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001161628  
**Insert Size:** 2487 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001161628.1</a></u> , <u><a href="#">NP_001155100.1</a></u>
<b>RefSeq Size:</b>	2924 bp
<b>RefSeq ORF:</b>	2487 bp
<b>Locus ID:</b>	77627
<b>UniProt ID:</b>	<u><a href="#">Q6P1E8</a></u>
<b>Cytogenetics:</b>	15 E1-E2
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.</p>