

Product datasheet for **RN217020**

Efcab7 (NM_001191866) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Efcab7 (NM_001191866) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Efcab7
Synonyms:	RGD1561825
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217020 representing NM_001191866
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGCAATCCTGGAAGTGATGCAGCTTTGGATACTCAGAAGTCAGTGCTTTAGGGAGTCCTCGAA
 CAAAGAAATTCCTCACTAACTGAACAGGAGGTATTTATATGAATTGTAGAGCCGCTACTTAACCATCTT
 CAAAAGCAGCTTGAAAAACATTATGTCTAAAGATCAACTCTACTTAGCTCTTCAGCATGCAGGAAGAAAT
 CCATCTCAAAAGACCATTAATAAGTATTGGACTCCTCAACTGCCAACTAAATTTTGATGATTTTGTGTA
 TAATTTTAAGCAAGGAAAAACCTACTTCGAAAGCAGACTTACTAAATCATTTAAACAATTAGATGTAA
 TGATGATGGCTCTATCTACACTCTGACCTTCATAAATATCTAACCAAGAGAGGTGAGAAGATGACTCAG
 GAAGAAGTAAATGCTGTAATAAGTTTGGCTGATGTAATGCTAATGGAAGTTTGACTACGTTAAGTTTT
 GTAATTATACATGGCAACCACTGAGCAGTGTCTCAAGACTACACTAGAAAGACTGGAGGCCGACAGTAA
 ACTGAGGCGTCAACAGTTTGAAGCCAAATGGAAGGGTCCCTGAAAGGGATCCATCACCAGTACCAAAA
 CCATCACCTAGGATCATAAGAAAAAATGACCAAGAAACGTTCTCAAGCAAGGTGACACAAGCCACACCT
 TACTGTCAACAACCTAGAAAGTTCAAGACATCTGTTTCCTTCACAATGCCTATGAGCGCTAACAGTAACCG
 AGACTCAACATTAACCTGAACCAACTTAAAGGATTGGCAGTGTGCACAATCAAGAGGCTGCTTCTTTT
 GAGGAAGATGGTGAAGTTGTGAGTCACTAGTACAAAATGCACATAGCTCAGAGATCTGTGCTTTACCTGA
 CAATTAAGCCATTGAATCTGAGTCAAGTTGAAGGAAAACATTCTCCCTGGTTATCGGTTGATACAGCCTT
 ATATATTTCTTAAGAAAAATGAGAATCCAGCAGAGGCACAGCTCATGTGTTTTACCGAACTACGAAACAGA
 GAAGTGTGGGATGGACTGGTGAAGTGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
 GGCTAAGAAAAAGAAACAAACAGTAACAGAAGAAGTCCAACCTGTACATAGAGATGAAACAGGGGAATT
 ATCTCTTACAAGTGAGTTTAGGTCAACTCTATCAGAGATATTTGAAATAATTGATTTAGATGGCAATGGT
 CTTATTAGCCTTGAAGAGTACAATTTTTTTGAGTTGAGAACAAGTGGTGAAGTGTGATGAGGACGCTT
 GGGCTGTCTGCAGAGAAAACCTTTGACACAAAGAAGTGAATTAACAAGACAGGGCTTTATGGACTTGCA
 TCTAATGGAAGCAATGACCGAGAAGGAGACCCTCTTGACCTGTGGGTGACTCTACATTCATGGGCTAC
 AATACGGCTCTGGAGCTGACAGAGGCATGCCGTTTGTCAATGTCTATGCAGAAAGGTGCAAGCCAA
 GGATTAAGCTGTGCATATGGAGGCATGCAGTGGCAGCTTGAGAGGGCCATTTGCAATCTGTCCTTGA
 TAGAAGCAATGCTAAAGTCATGGATGGCTATGAGAATATAGTCGTGCACACTTGAATCAAGACTCATGG
 ATAACATCAATTATTGAAATAAGTCAGATGACAAAGTGATTATTCACATCAACAATGAAGTGAAGTAA
 ACTGTGTCAACAACAGAGGACTCAACATCTTTGCAGTAGAAGTGGCACCAGATCTACAATGGTTTGTCA
 ACATGTAATGCCCTGAATGAGGAACAAGAATGGATATATTGTTGTGTGATTCTCTTGTATCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191866

Insert Size: 1887 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191866.1](#), [NP_001178795.1](#)

RefSeq Size: 2157 bp

RefSeq ORF: 1887 bp

Locus ID: 362549

Cytogenetics: 5q33