

Product datasheet for **SC105269**

EFCAB2 (NM_032328) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EFCAB2 (NM_032328) Human Untagged Clone
Tag:	Tag Free
Symbol:	EFCAB2
Synonyms:	CFAP200; DRC8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC105269 sequence for NM_032328 edited (data generated by NextGen Sequencing) ATGGCGGACGAGAAGGACAGGGAAGAGATAATAGTAGCAGAATTTACAAAAAATCAAA GAGGCATTTGAAGTCTTTGACCATGAGTCGAATAATACAGTGGATGTGAGAGAGATTGGA ACAATTATCAGGTCATTAGGATGCTGTCCTACGGAAGGAGAGCTGCATGATCTGATTGCA GAGGTAGAGGAAGAAGAACCCACTGGATACATTGATTGAAAAATTTCTTCCGGTGATG ACAGAAATACTACTAGAAAGAAAATACAGACCAATTCAGAAGATGTCCTTCTTCGAGCT TTTGAGGTTTTAGATTGAGCTAAACGTGGGTTTCTTACTAAGGACGAGCTGATCAAGTAT ATGACTGAAGAAGGTGAGCCTTTTTCTCAAGAGGAAATGGAAGAAATGTTGTCTGCTGCA ATTGATCCAGAATCAAATTCATTAATTACAAGGACTATATAACAATGATGGTGATAGAT GAAAAATTAA Clone variation with respect to NM_032328.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032328 unedited
 TCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGCGNAATTCGCACCAGCCCCTTGG
 GAGCCCAGCTCTTCACCTAGCTCTCCGGCGCTTTTCAAAATCTGCAGTTAACAACAAAA
 TCGAGCAACGCCACGTCGCACAAACAGGACAGGAGGGGGCGAGGGGCCAGGCTCGCCGCG
 GGGCGCTGAGCAGGCCCGGACACCGCGGCCGAGGTTATCGTTAGGCATCTCCAGGCGAC
 CGGCTCCGAGCAAGATGGCGGACGAGAAGGACAGGGAAGGGCCTGGGATACAACAGTGA
 TGAGATAAGGCCCTCGGACTTTACTGATCGAACATCTAATGGAAGGTGGAAGAAGAGACCA
 TCACACAATGACGGTGTTATGGGGAACACAGGAGATAATAGTAGCAGAATTTACAAAAA
 AATCAAAGAGGCATTTGAAGTCTTTGACCATGAGTCGAATAATACAGTGGATGTGAGAGA
 GATTGGAACAATTATCAGGTCATTAGGATGCTGCTACGGAAGGAGAGCTGCATGATCT
 GATTGCAGAGGTAGAGGAAGAAGAACCCACTGGATACATTCGATTGAAAAATTTCTTCC
 GGTGATGACAGAAATACTACTAGAAAGAAAATACAGACCAATTCAGAAGATGTCCTTCT
 TCGAGCTTTTGAGGTTTTAGATTGAGCTAAACGTGGGTTTCTTACTAAGGACGAGCTGAT
 CAAGTATATGACTGAAGAAAGTAAGTGTGATTTATTACTTATCACAATGACTTATGTGAG
 GAATTAATAATTTGTTAACAGTTATGCGAAGTTATAGGGGATACTTTANAATCATCATTC
 TGGNGAAAGTATTACTGGTCTGCTATTTGGCTGGGATGGNTCTGTCTGGGGGTTAGAG
 ACAAATAGGAGAGAAAGGNTTGTGCTCTAAATTGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032328 unedited
 NNCCTTCTTTGGACGCGGCCGCAATCTANATTTTTTAAAAAACAATTAGTAATATTTA
 TTTTGATAAATCACCTTCCACACTCAGATTGATGAAGCATTGTATTGTTTAAAAAGA
 AGCCTTCATTACACTGCTACTCGTTTTGAGTGGTTCGTTCTGCCCCCTCTTAAGATCTT
 TACATGCCAAACCTTGGGTAATTAAGTCATTTTCATTTTGTGAGCTTAATTAATTCGAAG
 GTGACCTGAGTTTTATTGTAGAAAATAAACAACATCCATTCTAATGTTAAATGTTTTA
 AGAATAGTTTTTAAATAATAGTAATTTATCATTCTGTAAGGCTAGACATACTAAATTTG
 GTTTAAAGTGTTACGATCATCTTTAAAAACAAAGTGCTTTAAATAGTTATGTCACAAGG
 TATTAAATATCATATAGGAATCCTACGATAAGATGTGAAATTAACAAGAACAGCAAT
 CTCTAAATTTGTTCTTTCAATCAGAAATATCTTTAGAACATTTAATTTTCATCTATCAC
 CATCATTTGCCATATAGGCCCTCGCAATTACTCGAACCCGACCCTGGATCAATGGACCCCA
 CAACATTTACTTCCCTCTTGAAAAACGCTTACCTTTGAGAAACATAACGGACAAT
 TACCCTCTCCGCATCCTCGCACTGTTTTGTTCTGCCCCCACTCGTCTCCACTCCCCTTGC
 TCCCTGACAGGTTGTATCCGCGCGCTACTCATTCCGCCACCTGCGCCTCTTCATCCCTAT
 AGTACCACAGTCGAATGTATCCATATTGCCCCCGGTTGGGCACAACGCATTATGCCG
 TCGCTTTTAACCGCCTTTCCCATCTATTGTGCGCACTCCGCTTTAGAGCATTCCGCGCCG
 CATACTCCCTATTCTTTGTT

Restriction Sites:

NotI-NotI

ACCN:

NM_032328

Insert Size:

4600 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_032328.1](#), [NP_115704.1](#)

RefSeq Size: 1026 bp

RefSeq ORF: 489 bp

Locus ID: 84288

UniProt ID: [Q5VUJ9](#)

Cytogenetics: 1q44

Domains: EFh

Gene Summary: The gene encodes a protein that contains two EF-hand calcium-binding domains although its function has yet to be determined. Alternatively spliced transcripts have been observed. [provided by RefSeq, Mar 2014]
 Transcript Variant: This variant (1) differs in the 5' UTR and uses an alternate 3' terminal exon compared to variant 2. The resulting protein (isoform a) is longer and has a distinct C-terminus compared to isoform b.