

Product datasheet for **SC334153**

EFCAB2 (NM_001290327) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EFCAB2 (NM_001290327) Human Untagged Clone
Tag:	Tag Free
Symbol:	EFCAB2
Synonyms:	CFAP200; DRC8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001290327, the custom clone sequence may differ by one or more nucleotides

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ATGGAAGGTGGAAGAAGAGACCATCACACAATGACGGTGTATGGGGAACACAGGAGATAATAGTAGCAG
AATTTTCACAAAAAATCAAAGAGGCATTTGAAGTCTTTGACCATGAGTCGAATAATACAGTGGATGTGAG
AGAGATTGGAACAATTATCAGGTCATTAGGATGCTGTCTACGGAAGGAGAGCTGCATGATCTGATTGCA
GAGGTAGAGGAAGAAGAACCCACTGGATACATTCGATTCGAAAAATTTCTCCGGTGATGACAGAAATAC
TACTAGAAAGAAAATACAGACCAATCCAGAAGATGTCTTCTTCGAGCTTTTGAGGTTTTAGATTGAGC
TAAACGTGGGTTTCTTACTAAGGACGAGCTGATCAAGTATATGACTGAAGAAGGTGAGCCTTTTTCTCAA
GAGGAAATGGAAGAAATGTTGTCTGCTGCAATTGATCCAGAATCAAATTCATTAATTACAAGGACTATA
TAACAATGATGGTGATAGATGAAAATTAA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001290327
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).



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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_001290327.1](#), [NP_001277256.1](#)

RefSeq Size: 1177 bp

RefSeq ORF: 519 bp

Locus ID: 84288

Cytogenetics: 1q44

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 (5) includes in alternate exon, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 2. The resulting protein (isoform c) is longer and has a distinct N-terminus compared to isoform b. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.