

Product datasheet for **SC325497**

EFCAB2 (NM_001143943) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EFCAB2 (NM_001143943) 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:	>SC325497 representing NM_001143943. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGCGGACGAGAAGGACAGGGAAGAGATAATAGTAGCAGAATTTACAAAAAATCAAAGAGGCATT
GAAGTCTTTGACCATGAGTCGAATAATACAGTGGATGTGAGAGAGATTGGAACAATTATCAGGTCATTA
GGATGCTGTCTACGGAAGGAGAGCTGCATGATCTGATTGCAGAGGTAGAGGAAGAAGAACCCACTGGA
TACATTCGATTGAAAAATTTCTCCGGTGATGACAGAAATACTACTAGAAAGAAAATACAGACCAATT
CCAGAAGATGTCCTTCTCGAGCTTTTGAGGTTTTAGATTAGCTAAACGTGGGTTTCTTACTAAGGAC
GAGCTGATCAAGTATATGACTGAAGAAGATGGAGTTTCGCTCCGTCGCCAGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001143943
Insert Size:	402 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



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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:	<u>NM_001143943.1</u>
RefSeq Size:	3772 bp
RefSeq ORF:	402 bp
Locus ID:	84288
UniProt ID:	<u>Q5VUJ9</u>
Cytogenetics:	1q44
MW:	15.5 kDa
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 (2) represents the longest transcript and encodes the shortest protein (isoform b).