

Product datasheet for SC335867

EFCAB4A (CRACR2B) (NM_001286606) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EFCAB4A (CRACR2B) (NM_001286606) Human Untagged Clone
Tag:	Tag Free
Symbol:	EFCAB4A
Synonyms:	EFCAB4A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335867 representing NM_001286606. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCCAGCCCTGGAAGCCTGGGGCTGATGAGGCCAGGAGGAGGAGGGAACTCAGGGGGGCTCT
 GCAGGGCCGCGGCTGCAATACTGGAGCAGGCTGAGGAGCTGTTTCTGCTGTGTGACAAGGAGGCTAAG
 GGCTTCATCACCAAGCACGACCTGCAGGGTCTCCAGAGCGACCTGCCCTCACGCCAGAGCAGCTGGAG
 GCTGTGTTTGAAGTCTGGACCGGGCTCACACTGGCTTCTCACCGCCAGGGAGTTCTGCCTGGGCCTG
 GGGATGTTTGTGGGGTGGCGTCAGCCAGGGAGCGAACCCCTGCAGGACTCCGAGGAGACCTTTGAG
 TCGGGCGGGCTCGACGTGCAGGGCACGGCGGGCTCTCTGGATGAGGAGGAGGAAGAGGAGGAGCGATT
 CCACTGTGCTGGAGCAGCTGGGGTGGCCCCGGTCTGGGCAAGCAGCGGGCTGTGAGGACGCTCTGG
 GCCAGGCTGCAGCGCAGCGCCCCGAGCTGCTGGGCTCTTTGAGGATGTTCTGATACGCGCGTCGGCC
 TGCTTGAGGAGGCGGCCCGGGAGCGCGACGGCTGGAGCAGGCGCTGCGGAGGCGCGAGAGCGAGCAC
 GAGAGGGAGGTGCGCGCTCTGTACGAGGAGACGGAGCAGCTTCGGGAGCAGAGCCGGCGCCCCGAGT
 CAGAACTTCGCCCGGGGAGCGGAGAGCCGCTCTGGAGCTGGAGCTGCAGAGCCGCGAGCAGGACCTG
 GAACGCGCGGGCTGCGGAGCGGGAGTTAGAGCAGCAGCTGCAGCCCAGGCTGCGGAGCACCTGGAG
 GCACAGGCCAGAACTCCAGCTGTGGCGGGCGCACGAGGCGCTGCGAACGAGCTGGAGGGGCGCAG
 GAGCAGATCCGAGGCTGGAGAGCGAAGCACGAGGCCGCCAGGAGCAAACCAACGAGACGTGGTCGCC
 GTCTCCAGGAACATGCAGAAAGAGAAAGTCAAGCTGCTACGGCAACTGGAGCTGCTCAGGGAGCTGAAT
 ACACGGCTGCGGGATGACAGGGACGCTGCGAGGCCAGGCGGGCGGCGAGCAGCTGCAGGAAGGCTCTG
 ACAACAGCCCGCTGCTGGGCCACCTGCTGCTGCTGCTGTTGCTGGGCTCGGCCCCAGACGCGGC
 TCTGGCCACCTTCCAGTGCCCGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001286606
Insert Size:	1200 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:	<u>NM_001286606.1</u>
RefSeq Size:	1848 bp
RefSeq ORF:	1200 bp
Locus ID:	283229
UniProt ID:	<u>Q8N4Y2</u>
Cytogenetics:	11p15.5
MW:	45 kDa
Gene Summary:	Plays a role in store-operated Ca(2+) entry (SOCE).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).