

Product datasheet for **SC325885**

CRELD2 (NM_001135101) Human Untagged Clone

Product data:

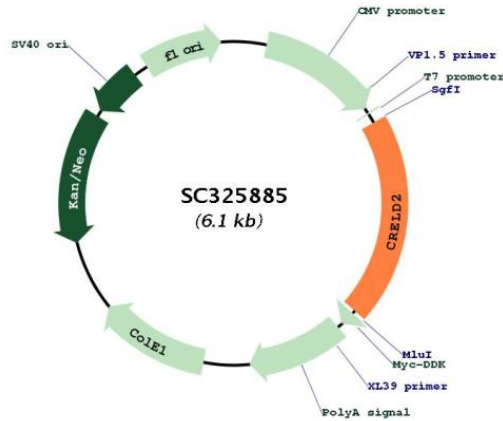
Product Type:	Expression Plasmids
Product Name:	CRELD2 (NM_001135101) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRELD2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325885 representing NM_001135101. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCCGCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCCTGCCGCGCCGGGCGCGCTGGGGCTCCTGCCGTTCTGCTGCTGCTGCCGCCCGCGCCGGAG
GCCGCAAGAAGCCGACGCCCTGCCACCGGTGCCGGGGCTGGTGGACAAGTTAAACAGGGGATGGTG
GACACCGCAAAGAAGAACTTTGGCGCGGGGAACACGGCTTGGGAGGAAAAGACGCTGTCCAAGTACGAG
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GCATGCCAGGGCGGATCCAGAGGCCCTGCAGCGGAATGGCCACTGCAGCGGAGATGGGAGCAGACAG
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TTCAGCTCGTCCGGAACGAGACCCACAGCATCTGCACAGTACGACCGGCTCTCCGATTCTTACCCG
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AACGGCTCTACAGTGCAGAGTGTGACTCCAGCTGTGTGGGCTGCACAGGGGAAGGCCAGGAAAC
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CCTGACGGCTTCAAGAAACGGAAGATGCCTGTGTGCCGCGGCAGAGGCTGAAGCCACAGAAGGAGAA
AGCCCCACACAGCTGCCCTCCCGGAAGACCTGTA
ACGCGTACGCGGCCGCTCGAGCAGAAACTATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001135101

Insert Size: 1209 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.

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_001135101.2](#)

RefSeq Size: 1596 bp

RefSeq ORF: 1209 bp

Locus ID: 79174

UniProt ID: [Q6UXH1](#)

Cytogenetics:	22q13.33
Protein Families:	Druggable Genome, Secreted Protein
MW:	43.6 kDa
Gene Summary:	May regulate transport of alpha4-beta2 neuronal acetylcholine receptor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a, also known as CRELD2-epsilon).