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Product datasheet for SC112210

CRELD2 (NM_024324) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRELD2 (NM_024324) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRELD2
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC112210 sequence for NM_024324 edited (data generated by NextGen Sequencing)

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ATGCGCCTGCCGCGCCGGGCCGCGCTGGGGCTCCTGCCGCTTCTGCTGCTGCTGCCGCCC
GCGCCGGAGGCCGCCAAGAAGCCGACGCCCTGCCACCGGTGCCGGGGGCTGGTGGACAAG
TTTAACCAGGGGATGGTGGACACCGCAAAGAAGAACTTTGGCGGCGGGAACACGGCTTGG
GAGGAAAAGACGCTGTCCAAGTACGAGTCCAGCGAGATTCGCCTGCTGGAGATCCTGGAG
GGGCTGTGCGAGAGCAGCGACTTCGAATGCAACCAGATGCTAGAGGCGCAGGAGGAGCAC
CTGGAGGCCTGGTGGCTGCAGCTGAAGAGCGAATATCCTGACTTATTCGAGTGGTTTTGT
GTGAAGACACTGAAAGTGTGCTGCTCTCCAGGAACCTACGGTCCCGACTGTCTCGCATGC
CAGGGCGGATCCCAGAGGCCCTGCAGCGGGAATGGCCACTGCAGCGGAGATGGGAGCAGA
CAGGGCGACGGGTCCTGCCGGTGCCACATGGGGTACCAGGGCCCGCTGTGCACTGACTGC
ATGGACGGCTACTTCAGCTCGCTCCGGAACGAGACCCACAGCATCTGCACAGCCTGTGAC
GAGTCCTGCAAGACGTGCTCGGGCCTGACCAACAGAGACTGCGGCGAGTGTGAAGTGGGC
TGGGTGCTGGACGAGGGCGCCTGTGTGGATGTGGACGAGTGTGCGGCCGAGCCGCCTCCC
TGCAGCGCTGCGCAGTTCTGTAAGAACGCCAACGGCTCCTACACGTGCGAAGAGTGTGAC
TCCAGCTGTGTGGGCTGCACAGGGGAAGGCCCAGGAAACTGTAAAGAGTGTATCTCTGGC
TACGCGAGGGAGCACGGACAGTGTGCAGATGTGGACGAGTGCGCACTAGCAGAAAAAACC
TGTGTGAGGAAAAACGAAAACTGCTACAATACTCCAGGGAGCTACGTCTGTGTGTGTCCT
GACGGCTTCGAAGGAACGGAAGATGCCTGTGTGCCGCCGGCAGAGGCTGAAGCCACAGAA
GGAGAAAGCCCGACACAGCTGCCCTCCCGCGAAGACCTGTAA

Clone variation with respect to NM_024324.3
273 t=>c;883 t=>g;974 a=>g
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View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024324 unedited
GAATTTGTAATACGACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGAGGACCTGAAG
CTCCGGCTGCGTCTTCCCGCAGCGCTACCCGCCATGCGCCTGCCGCGCCGGGCCGCGCTG
GGGCTCCTGCCGCTTCTGCTGCTGCTGCCGCCCGCGCCGGAGGCCGCCAAGAAGCCGACG
CCCTGCCACCGGTGCCGGGGGCTGGTGGACAAGTTTAACCAGGGGATGGTGGACACCGCA
AAGAAGAACTTTGGCGGCGGGAACACGGCTTGGGAGGAAAAGACGCTGTCCAAGTACGAG
TCCAGCGAGATTCGCCTGCTGGAGATCCTGGAGGGGCTGTGCGAGAGCAGCGACTTCGAA
TGCAACCAGATGCTAGAGGCGCAGGAGGAGCACCTGGAGGCCTGGTGGCTGCAGCTGAAG
AGCGAATATCCTGACTTATTCGAGTGGTTTTGTGTGAAGACACTGAAAGTGTGCTGCTCT
CCAGGAACCTACGGTCCCGACTGTCTCGCATGCCAGGGCGGATCCCAGAGGCCCTGCAGC
GGGAATGGCCACTGCAGCGGAGATGGGAGCAGACAGGGCGACGGGTCCTGCCGGTGCCAC
ATGGGGTACCAGGGCCCGCTGTGCACTGACTGCATGGACGGCTACTTCAGCTCGCTCCGG
AACGAGACCACAGCATCTGCACAGCCTGTGACGAGTCCTGCAAGACGTGCTCCGGCCTGA
CCAACAGAGACTGCGGCGAGTGTGAAGTGGGCTGGGTGCTGGACCAGGCGCCTGTGTGGA
TGTGGACAATTGTGCGGCCGAACCGCCTCCCTGCAGCGCTGCGCAATTTTGTAAGAACGC
CAACGGTTCCTTCACGTGCGAAGAGAGTGACTCCACCTGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024324 unedited
TCTGGACCGCGGCACGCAATCTAGAGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCCCCGGATACCCTACAGGGGGCAA
TTTTTTTACAAAAAACGGGTTCAAAATTTCCAAGTCGGTTTAAAAACACCCAAAAAAGGC
CCCGGTTTAAGGGACAAAGGAAAATCACCCGTTAGAAAGCGGGCAGCCTTTCCCCGCCGT
TGTCCACGGGAGGAAACGGCTTCCTCAGGGCCACTTTTTCCAGGGGACATCCTTTGGAAA
AATTAAAGGGGGAAGCCCGGCCCATTACAGGTCTTCGGGGGGGGGCACCTGGGCCGGGCT
TTCTCCTTTGGGGGTTTAAGCCTCGGCCGGGGGCACAAAGGCTTTTTCCGTTCTTTGAAA
GCCGTCGGGACCCCCACAAACGAACCCCCCGGGAGTATGGAACCAGTTTTCGTTTTTCCT
AACACAGGTTTTTTCTGTTAGGGCGCCCTGGTCCCCATTGGCCCACGGCCCGGGCCCCCT
CGGGTAGCCAAAAATACCCTTTTTACAGTTCCCGGGGCCTCCCCCGGGGCAGCCCACCCG
GGGGGGGCCCCACTTTTCCCCCGGTGAGGAGCCCTGGGCGTTTTTACAAAACTGCCCACC
CCTGAAGGGAGGGGGCTTGGCCCCCATCTGTCCACATCCCCAGGGGCCTTTTGTCACCCC
CACCCCTTTAAATTCCCCAAATTTTTGTTGGCAGGCCCCACCCGTTTGGAGGACCCTCCC
AGGGTGGGCAAGCGGGGGGTCTCTCCGGGCCGACCGAATTCCCCCCCTGCCATAGGGCCC
GGGGCCCGGGTCCCCTGGGGGCCCGGAGGACCCGNCCCCTGTTGGCCCCTCCCGGGGGGG
GCCTTCCCTGGGGGGCTGGGGTACCCCGCTGGAAAACCCGGCCCCGTTCGGGAGCCCCTC
TTCGGGTCC

Restriction Sites: ECoRI-NOT

ACCN: NM_024324

Insert Size: 1380 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_024324.2, NP_077300.2
RefSeq Size:	1379 bp
RefSeq ORF:	1062 bp
Locus ID:	79174
UniProt ID:	Q6UXH1
Cytogenetics:	22q13.33
Domains:	EGF_CA, EGF, EGF, FU
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	May regulate transport of alpha4-beta2 neuronal acetylcholine receptor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the central coding region, compared to variant 1, resulting in an isoform (b, also known as CRELD2-delta) that is shorter than isoform a.