

## Product datasheet for RN213535

### CrelD1 (NM\_001024783) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CrelD1 (NM_001024783) Rat Untagged Clone
Tag:	Tag Free
Symbol:	CrelD1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213535 representing NM_001024783 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTCCACAGCCCCTAAGGGGCTGGTCCCATTCTGCTCTGGTGCTTGAGCCTGTTTCTTAGCCTCC  
CAGGACCTGTCTGGCTCCAACCCTCTCCTCCTCCCATCTGCTCCCCGAGCTGAGCCCCATCCATGTCA  
TACCTGCCGGGCACTGGTGGACAGCTTCAACAAGGGCCTGGAGAGAAGTATCCGGGACAACCTTGGTGGT  
GGAACACTGCTTGGGAGGAAGAGAAGTTGTCCAATACAAAGACAGTGAGACCCGCTGGTGGAGGTGC  
TGGAGGTGTGTGCAGCAAGTCAGACTTCGAGTGCCACCGCTGTAGAGCTCAGCGAGGAGCTGGTGGGA  
AGCCTGGTGGTTCCACAGGCAGCAAGAAGCCCCTGACCTCTTCCAGTGGCTCTGTTCCAGATTCCCTGAAG  
CTCTGCTGCCCTCTGGGACTTTCGGTCCCTCCTGCCTGCCATGTCTGGGGCACAGAGAGGCCCTGCC  
GTGGCTACGGGCAGTGTGAAGGGGAAGGGACTCGAGGGGGCAGCGGGCACTGTGACTGCCAAGCCGGCTA  
TGGGGGCGAGGCCCTGTGGCCAGTGTGGCCTTGGCTACTTTGAGGCAGAGCGCAACAGCAGCCATCTGGTA  
TGTTCCGGCGTCTTTGGTCCCTGTGCCCGCTGCACAGGACCCGAGGAATCCCACTGTCTGCAGTGCAGGA  
AAGGCTGGGCCCTGCATCACCTCAAGTGTGTAGACATCGATGAGTGTGGCACAGCAAGCTACCTGTGG  
AGCCGCCAGTTCTGTGTGAACACGGAAGGGTCTATGAGTGCCGAGATTGTGCAAAGGCCCTGCCTGGGC  
TGTATGGGAGCAGGGCCAGGGCGCTGCAAAAAATGCAGCCGTGGCTACCAGCAGGTGGGCTCCAAGTGCC  
TAGATGTGGATGAGTGTGAGACAGTGGTGTGTCCAGGAGAGAACGAGCAGTGTGAAAACCGGAAGGTAG  
CTACCGCTGTGTCTGTGCTGAAGGCTTCCAGACAGGAGGACGGCATCTGTGTGAAGGAGCAGATCCCAGAG  
TCGGCGGGCTTCTTCGGGAGATGACAGAGGACGAAATGGTGGTCTGCAGCAGATGTTCTTTGGTGTGA  
TCATCTGTGCACTGGCCACACTGTCTGTAAGGGGACTTGGTGTTCACCGCCATCTTCATTGGAGCTGT  
GCCAGCTATGACTGGGTACTGGTGTGCAGAGCCAGTGACCGTGTGCTGGAGGGCTTCATCAAGGGTAGA  
TAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001024783
<b>Insert Size:</b>	1263 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001024783.1</a></u> , <u><a href="#">NP_001019954.1</a></u>
<b>RefSeq Size:</b>	1900 bp
<b>RefSeq ORF:</b>	1263 bp
<b>Locus ID:</b>	312638
<b>UniProt ID:</b>	<u><a href="#">Q4V7F2</a></u>
<b>Cytogenetics:</b>	4q42
<b>Gene Summary:</b>	Protein disulfide isomerase (By similarity). Promotes the localization of acetylcholine receptors (AChRs) to the plasma membrane (By similarity).[UniProtKB/Swiss-Prot Function]