

## Product datasheet for **RR217692**

### **Bcorl1 (NM\_001191587) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Bcorl1 (NM\_001191587) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Bcorl1  
**Synonyms:** RGD1566108  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR217692 representing NM\_001191587  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGGATCGCC

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CAGATTCAAAGTTGGTGTCTTTAGAGGTGAACAGGCTCTCCTGTACTTCCCCATCCAGCAGCACTAACAG  
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CCTGCCGAAGGCTGAGTTCTACAGGCAGGTGGCCTCAAGTCAGCTGCTGACCCCTGCTGAGAGGCCTGGG  
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 TGGCGCTCTAGGGTCTGAGGTGGAATATCAGTCATGGAGCAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR217692 representing NM\_001191587  
 Red=Cloning site Green=Tags(s)

MISTAPLYSGVHNWTSDDRIRMCGINEERRAPLSDEESTTGDCQHFGSQEFVSSSFVSKVELTAVGSGSN  
 ARGTNPDGSTTEKLGHRSEDQDDPQAKMDYVGNATAEAGLLVPLSSPGDSLKLPTPDGTEASHSRANCS  
 WTPLSTQMSKQVDCSPAGVKALDSRHSVGEKNTFILATLGTGVPVEGTLPLVTTNFSQLPAPICPPAPGS  
 ASGTSPVPDPFQVPLSVPAPVPHSGLVPVQVATSASAPSPPLAPVPALAPAAPSVPPTLISDSNPLSVSAS  
 VLVVPVVSAPHSVPVPLSAPAPTPLTVSVSAPPLALIQAAPVPPSAPTLVLASVPTPVLAMPASTPPAAP  
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 DTKPKSQVLATYMSHELVLANPQNLCKMPELPLPHDSHSHKELILDVVPSSSERGPSTDLSQLGSQVDLGR  
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 VKCNKEKEIEEEPQQQLPPQPHDKPMVRSSVSGSKCRKLPQDPQEPTKSPRGALDSGKEHNGVRGKHKHR  
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 EEEEEVAPTPAKRRKVRKTQRDTQYRSHHAQDKTLLSQGRRHLWRAREMPWRTEAARQMWDNNEEEEEEE  
 EGLVKKRKRQRKSRKYQTGEYLTEQEEQRRKGRADSKARKQKTSQSSEHCLNRDLLLSSKAQGISDS  
 PNGFLPNLEEPACLENSEKPSGKRKCKTKHMANVSEEARSKGRWSQKTRSSKSPTPKTEPCTPSKY  
 RSAGSEETSESPTARQIPPEARLIVNKNAGETLLQRAARLGYKDVVLYCLQKHSDEVNHRDNAGYTALH  
 EACSRGWDILNILLQHGANVNCSSQDGRPVHDAVVNDNLETIWLLL SYGADPTLATYSGQTAMKCLASS  
 DNMKRFLSDHLSLQGRAEGDPRASWDFYSSSVLEKKDGFACDLLHNPPGSAEQGDDSEQDDFMFELSDK  
 PLLPCYNLQVSVSRGPCNWFLFSDVLKRLKLSRIFQARFPHLEITTLPKAEFYRQVASSQLLTPAERPG  
 SLEDRSPPGSSSETVELVQYEPDLLRLLGSEVEYQSWSS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

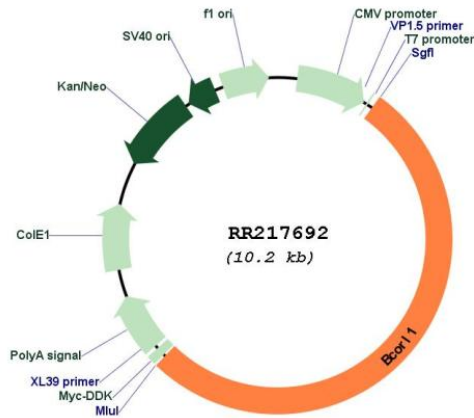
Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

Plasmid Map:



<b>ACCN:</b>	NM_001191587
<b>ORF Size:</b>	5364 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001191587.1</a> , <a href="#">NP_001178516.1</a>
<b>RefSeq Size:</b>	6867 bp
<b>RefSeq ORF:</b>	5367 bp
<b>Locus ID:</b>	302810
<b>Cytogenetics:</b>	Xq36
<b>MW:</b>	191.2 kDa