

## Product datasheet for **SC306121**

### CRB3 (NM\_139161) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CRB3 (NM\_139161) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CRB3  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**Fully Sequenced ORF:** >OriGene sequence for NM\_139161 edited

```
ACCGAGGGTTCGAGGGAGGGACACGGACCAGGAACCTGAGCTAGGTCAAAGACGCCCGGG  
CCAGGTGCCCGTCCGAGGTGCCCTGGCCGGAGATGCGGTAGGAGGGGCGAGCGCGAGA  
AGCCCCCTCCTCGGCGCTGCCAACCCGCCACCCAGCCCATGGCGAACCCCGGGCTGGGGC  
TGCTTCTGGCGCTGGGCCTGCCGTTCTGCTGGCCCGCTGGGGCCGAGCCTGGGGGCAAA  
TACAGACCACTTCTGCAAATGAGAATAGCACTGTTTTGCCTTCATCCACCAGCTCCAGCT  
CCGATGGCAACCTGCGTCCRGAAGCCATCACTGCTATCATCGTGGTCTTCTCCCTCTTGG  
CTGCCTTGTCTGGCTGTGGGGCTGGCACTGTTGGTGC GGAAGCTTCGGGAGAAGCGGC  
AGACGGAGGGCACCTACCGGCCAGTAGCGAGGAGCAGGTGGGTGCCCGCTGCCACCGA  
CCCCAACCTCAAGTTGCCGCCGAAGAGCGGCTCATCTGATTCTCCCATGCAGCCGAGG  
CCCGGGCCCTCAGGACTCCAAGGAGACGGTGCAGGGCTGCCATCTAGGTCCCT  
CTCCTGCATCTGTCTCCCTTCATTGCTGTGTGACCTTGGGAAAGCAGTGCCCTCTCTG  
GGCAGTCAGATCCACCCAGTGCTTAATAGCAGGGAAGAAGTACTTCAAAGACTTGCC  
CTGAGGTCAAGAGAGGATGGGGCTATTCACCTTTTATATATTTATATAAAATTAGTAGTGA  
GATGTAAAAAAAAAAAAAAAAAAAA
```

**Restriction Sites:** Please inquire  
**ACCN:** NM\_139161  
**Insert Size:** 1100 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).



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|-------------------------------|---|
| <b>OTI Annotation:</b>        | 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.  |
| <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_139161.3</a> , <a href="#">NP_631900.1</a>   |
| <b>RefSeq Size:</b>           | 1118 bp   |
| <b>RefSeq ORF:</b>            | 363 bp  |
| <b>Locus ID:</b>              | 92359   |
| <b>UniProt ID:</b>            | <a href="#">Q9BUF7</a>  |
| <b>Cytogenetics:</b>          | 19p13.3   |
| <b>Protein Families:</b>      | Transmembrane   |
| <b>Protein Pathways:</b>      | Tight junction  |
| <b>Gene Summary:</b>          | This gene encodes a member of the Crumbs family of proteins. This gene is widely expressed in epithelial tissues where the encoded protein isoforms play various roles such as the control of cytokinesis and ciliogenesis or the formation of tight junctions. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]  |