

Product datasheet for **SC123336**

CRB3 (NM_174881) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CRB3 (NM_174881) 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_174881 edited

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ACCGAGGGTTCGAGGGAGGGACACGGACCAGGAACCTGAGCTAGGTCAAAGACGCCCGGG  
CCAGGTGCCCGTCGCAGGTGCCCTGGCCGGAGATGCGGTAGGAGGGGCGAGCGCGAGA  
AGCCCCCTCCTCGGCGCTGCCAACCCGCCACCCAGCCCATGGCGAACCCCGGGCTGGGGC  
TGCTTCTGGCGCTGGGCCTGCCGTTCTGCTGGCCCGCTGGGGCCGAGCCTGGGGGCAAA  
TACAGACCACTTCTGCAAATGAGAATAGCACTGTTTTGCCTTCATCCACCAGCTCCAGCT  
CCGATGGCAACCTGCGTCCGGAAGCCATCACTGCTATCATCGTGGTCTTCTCCCTTTGG  
CTGCCTTGCTCCTGGCTGTGGGGCTGGCACTGTTGGTGCGGAAGCTTCGGGAGAAGCGGC  
AGACGGAGGGCACCTACCGGCCAGTAGCGAGGAGCAGTTCTCCATGCAGCCGAGGCC  
GGGCCCCCAGGACTCCAAGGAGACGGTGCAGGGCTGCCTGCCATCTAGTCCCCTCTC  
CTGCATCTGTCTCCCTTCATTGCTGTGTGACCTTGGGAAAGGCAGTGCCCTCTCTGGG  
AGTCAGATCCACCCAGTGCTTAATAGCAGGGAAGAAGGTACTTCAAAGACTCTGCCCTG  
AGGTCAAGAGAGGATGGGCTATTCACTTTTATATTTATATAAAATTAGTAGTGAGAT  
GTAAAAAAAAAAAAAAAAAAAA
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|-------------------------------------|--|
| 5' Read Nucleotide Sequence: | >OriGene 5' read for NM_174881 unedited AGGTTAGCATTTGTATACGACTCATATAGGCGGCCGCGATTCCCAGGATCGTCGACCCA CGCGTCCGACCGAGGGTTCGAGGGAGGGACACGGACCAGGAACCTGAGCTAGGTCAAAGA CGCCCCGGCCAGGTGCCCGTCGCAGGTGCCCTGGCCGAGATGCGGTAGGAGGGGCGA GCGCGAGAAGCCCCTTCTCGGCGCTGCCAACCCGCCACCCAGCCCATGGCGAACCCCGG GCTGGGGCTGCTTCTGGCGCTGGGCCTGCCGTTCTGCTGGCCCGCTGGGGCCGAGCCTG GGGGCAAATACAGACCACTTCTGCAAATGAGAATAGCACTGTTTTGCCTTCATCCACAG CTCCAGCTCCGATGGCAACCTGCGTCCGGAAGCCATCACTGCTATCATCGTGGTCTTCTC CCTCTTGCTGCCTTGCTCCTGGCTGTGGGGCTGGCACTGTTGGTGCGGAAGCTTCGGGA GAAGCGGCAGACGGAGGGCACCTACCGGCCAGTAGCGAGGAGCAGTTCTCCCATGCAGC CGAGGCCCGGGCCCTCAGGACTCCAAGGAGACGGTGCAGGGCTGCCTGCCCATCTAGGT CCCCTCTCTGCATCTGTCTCCCTTCATTGCTGTGTGNACCTGGGAAAGGCAGTGCCT CTCTGGGCAGTCAGATCCACCCAGTGCTTAATAGCAGGGAAGAAGGTAATTCANAGACTC TGCCCCCTGAGTCAAGAGAGGATGGGGCTATTCACCTTTTATATATTTATATAAAATAGT AGTGAGATGTAAAAAAAAAAAAAAAAAAGGGCGGTGGGTATGGAGCAGGGGGCAAGTTGG GAAGACACCTGTAGGGCCTGCGGGTCTATTGGGAACCAGCTGGAGTGCAGTGGACAAT CTGGCTACTGCATCTCCGCC |
| Restriction Sites: | Please inquire |
| ACCN: | NM_174881 |
| Insert Size: | 741 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: | <ol style="list-style-type: none"> 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_174881.1 , NP_777377.1 |
| RefSeq Size: | 746 bp |
| RefSeq ORF: | 372 bp |
| Locus ID: | 92359 |
| UniProt ID: | Q9BUF7 |
| Cytogenetics: | 19p13.3 |
| Protein Families: | Transmembrane |
| Protein Pathways: | Tight junction |

Gene Summary:

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]