

Product datasheet for **SC319418**

CCKBR (NM_176875) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CCKBR (NM_176875) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CCKBR |
| Synonyms: | CCK-B; CCK2R; GASR |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for NM_176875.2
 CCGCGGTGGGAGCCCGCGGGTTCGAGCTGAGTAAGGCGGGGGCTCGGCGGGGGCCATGG
 AGCTGCTAAAGCTGAACCGGAGCGTGCAGGGAACCGGACCCGGGGCGGGGCTTCCCTGT
 GCCGCCGGGGGGCGCCTCTCTCAACAGCAGCAGTGTGGGCAACCTCAGCTGCGAGCCCC
 CTCGATTTCGCGGAGCCGGGACACGAGAATTGGAGCTGGCCATTAGAATCACTCTTTACG
 CAGTGATCTTCTGATGAGCGTTGGAGGAAATATGCTCATCATCGTGGTCTGGGACTGA
 GCCGCCGCTGAGGACTGTCACCAATGCCTTCTCTCTCACTGGCAGTCAGCGACCTCC
 TGCTGGCTGTGGCTTGATGCCCTTACCCTCCTGCCAATCTCATGGGACATTTCATCT
 TTGGCACCGTCTGCAAGGCGGTTTCTACCTCATGGGGGTGTCTGTGAGTGTGTCTA
 CGTAAGCCTCGTGGCCATCGCACTGGAGCGGTACAGCGCCATCTGCCGACCACTGCAGG
 CACGAGTGTGGCAGACGCGCTCCACGCGGCTCGCGTATTGTAGCCACGTGGCTGCTGT
 CCGGACTACTCATGGTCCCTACCCCGTGTACTGTCTGCAACCAGTGGGGCCTCGT
 TGCTGCAGTGCATCGTGGCCAGTGCAGCGGTCGCCAGACCTGGTCCGACTGC
 TGCTTCTGCTCTTGTCTTTCATCCCGGGTGTGGTTATGGCCGTGGCTACGGGCTTATCT
 CTCGCGAGCTCTACTTAGGGCTTCGCTTTGACGCGGACAGTGCAGCGACAGCCAAGCA
 GGGTCCGAAACCAAGGCGGGCTGCCAGGGCTGTTACCAAGAACGGGCGTTGCCGGCCTG
 AGACTGGCGCGGTTGGCGAAGACAGCGATGGCTGCTACGTGCAACTTCCACGTTCCCGGC
 CTGCCCTGGAGCTGACGGCGCTGACGGCTCCTGGGCGGGATCCGGCTCCCGGCCACCC
 AGGCCAAGCTGCTGGCTAAGAAGCGCGTGGTGCGAATGTTGCTGGTGATCGTTGTGCTTT
 TTTTTCTGTGTTGGTGGCAGTTTATAGTGCCAACACGTGGCGCGCTTTGATGGCCCG
 GTGCACACCGAGCACTCTCGGGTGTCTATCTCCTTCACTTGTGAGTACGCTACGCT
 CGGCTGTGTCAACCCCTGGTCTACTGCTTTCATGCACCGTCGCTTTCGCCAGGCCTGCC
 TGGAAACTTTCGCTCGTGTGCCCGGCTCCACGAGCTCGCCCAAGGGCTCTTCCCG
 ATGAGGACCCTCCCACTCCCTCCATTGCTTCGCTGTCCAGGCTTAGCTACACCACCATCA
 GCACACTGGGCCCTGGCTGAGGAGTAGAGGGGCGTGGGGTTGAGGCAGGGCAAATGAC
 ATGCACTGACCCTTCCAGACATAGAAAACAAACCACAACACTGACACAGGAAACCAACAC
 CCAAAGCATGGACTAACCCCAACGCACAGGAAAAGGTAGCTTACCTGACACAAGAGGAAT
 AAGAATGGAGCAGTACATGGAAAGGAGGCATGCCTCTGATATGGGACTGAGCCTGGCCC
 ATAGAAACATGCACTGACCTTGGAGAGACACAGCGTCCCTAGCAGTGAATATTTCTAC
 ACAGTGGGAACTCTGACAAGGGTGCCTGCTCTCACACACATAGATTAATGGCACTGA
 TTGTTTTAGAGACTATGGAGCCTGGCACAGGACTGACTCTGGGATGCTCCTAGTTTGACC
 TCACAGTGACCCTTCCCAATCAGCACTGAAAATACCATCAGGCCTAATCTCATACCTCTG
 ACCAACAGGCTGTTCTGCACTGAAAAGTTCTTATCCCTTTCAGTTAAGGACCGTGGC
 CCTGCCCTCTCCTTACCCAACTGTTCAAGAAATAATAAATTGTTGGCTTCTCTCC
 TGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_176875

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).

OTI Annotation: 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.

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).

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| 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_176875.2 , NP_795344.1 |
| RefSeq Size: | 2120 bp |
| RefSeq ORF: | 1344 bp |
| Locus ID: | 887 |
| UniProt ID: | P32239 |
| Cytogenetics: | 11p15.4 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |
| Protein Pathways: | Calcium signaling pathway, Neuroactive ligand-receptor interaction |
| Gene Summary: | <p>This gene encodes a G-protein coupled receptor for gastrin and cholecystokinin (CCK), regulatory peptides of the brain and gastrointestinal tract. This protein is a type B gastrin receptor, which has a high affinity for both sulfated and nonsulfated CCK analogs and is found principally in the central nervous system and the gastrointestinal tract. Alternative splicing results in multiple transcript variants. A misspliced transcript variant including an intron has been observed in cells from colorectal and pancreatic tumors. [provided by RefSeq, Dec 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p> |