

## Product datasheet for **SC300127**

### CCKAR (NM\_000730) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCKAR (NM_000730) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCKAR
Synonyms:	CCK-A; CCK1-R; CCK1R; CCKRA
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_000730 edited ATGGATGTGGTTGACAGCCTTCTTGTAATGGAAGCAACATCACTCCTCCCTGTGAACTC GGGCTCGAAAATGAGACGCTTTTCTGCTTGGATCAGCCCCGCTTCCAAGAGTGGCAG CCAGCGGTGCAGATTCTTGTACTCCTTGATATTCTGCTCAGCGTGCTGGGAAACACG CTGGTCATCACCGTGCTGATTCGGAACAAGCGGATGCGGACGGTACCAACATCTTCCTC CTCTCCCTGGCTGTCAGCGACCTCATGCTCTGTCTTTCTGCATGCCGTTCAACCTCATC CCCAATCTGCTCAAGGATTTTCATCTTCGGGAGCGCCGTTTGAAGACCACCACCTACTTC ATGGGCACCTCTGTGAGTGTATCTACCTTTAATCTGGTAGCCATATCTCTAGAGAGATAT GGTGGATTTGCAAACCTTACAGTCCCGGGTCTGGCAGACAAAATCCCATGCTTTGAAG GTGATTGCTGCTACCTGGTGCCTTTCTTTACCATCATGACTCCGTACCCCATTTATAGC AACTTGGTGCCTTTTACCAAAAATAACAACCAGACCGCAATATGTGCCGCTTTCTACTG CCAAATGATGTTATGCAGCAGTCTGGCACACATTCTCTGTTACTCATCCTCTTTCTTATT CCTGGAATTGTGATGATGGTGGCATATGGATTAATCTCTTTGAACTCTACCAGGGAATA AAATTTGAGGCTAGCCAGAAGAAGTCTGCTAAAGAAAAGGAAACCTAGCACCACCAGCAGC GGCAAATATGAGGACAGCGATGGGTGTTACCTGCAAAAAGACCAGGCCCCCGAGGAAGCTG GAGCTCCGGCAGCTGTCCACCGGCAGCAGCAGCAGGGCCAACCGCATCCGGAGTAACAGC TCCGCAGCCAACCTGATGGCCAAGAAAAGGGTATCCGCATGCTCATCGTATCGTGGTC CTCTTCTCCTGTGCTGGATGCCATCTTCAGCGCCAACGCTTCCGCGGCTACGACACC GCCTCCGAGAGCGCCGCTCTCAGGAACCCCATTTTCTTTCATCCTCCTCCTGCTAC ACCTCCTCCTGCGTCAACCCCATCTACTGCTTTCATGAACAAACGCTTCCGCCTCGGC TTCATGGCCACCTTCCCCTGCTGCCCAATCCTGGTCCCCAGGGGCGAGGGGAGAGGTG GGGGAGGAGGAGGAAGGCGGGACCACAGGAGCCTCTGTCCAGGTTCTCGTACAGCCAT ATGAGTGCCTCGGTGCCACCCAGTGAGATGTCCCCTGACCCTCCACCGCAGAAGGAAGG CAGGGAGGAG
Restriction Sites:	Please inquire



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<b>ACCN:</b>	NM_000730
<b>Insert Size:</b>	1300 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>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_000730.2.
<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_000730.2</a></u> , <u><a href="#">NP_000721.1</a></u>
<b>RefSeq Size:</b>	1682 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	886
<b>UniProt ID:</b>	<u><a href="#">P32238</a></u>
<b>Cytogenetics:</b>	4p15.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Calcium signaling pathway, Neuroactive ligand-receptor interaction
<b>Gene Summary:</b>	This gene encodes a G-protein coupled receptor that binds non-sulfated members of the cholecystokinin (CCK) family of peptide hormones. This receptor is a major physiologic mediator of pancreatic enzyme secretion and smooth muscle contraction of the gallbladder and stomach. In the central and peripheral nervous system this receptor regulates satiety and the release of beta-endorphin and dopamine. [provided by RefSeq, Jul 2008]