

Product datasheet for RR207926

Cck (NM_012829) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cck (NM_012829) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cck
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR207926 representing NM_012829
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGTGC GGCGTGTGTCTGTGCGTGGTATGGCAGTCCTGGCAGCAGGCGCCCTGGCGCAGCCGGTAG
 TCCCTGTAGAAGCTGTGGACCTATGGAGCAGCGGGCGGAGGAGGCGCCCGAAGGCAGCTGAGGGCTGT
 GCTCCGACCGGACAGCGAGCCCGAGCGCGCCTGGGCGCACTGCTAGCCCGATACATCCAGCAGGTCCGC
 AAAGCTCCCTCTGGCCGCATGTCCGTTCTTAAGAACCTGCAGGGCCTGGACCCTAGCCATAGGATAAGTG
 ACCGGGACTACATGGGCTGGATGGATTTTCGGCCGGCGCAGTCTGAGGACTACGAATACCCATCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR207926 representing NM_012829
 Red=Cloning site Green=Tags(s)

MKCGVCLCVVMAVLAAGALAQPVVPEAVDPMEQRAEEAPRRQLRAVLRPDSEPRARLGALLARYIQQVR
 KAPSGRMSVLKNLQGLDPSHRISDRDYMGMDFGRRSAEDYEYPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<u>NM_012829.2</u> , <u>NP_036961.1</u>
RefSeq Size:	702 bp
RefSeq ORF:	348 bp
Locus ID:	25298
UniProt ID:	<u>P01355</u>
Cytogenetics:	8q32
MW:	12.8 kDa
Gene Summary:	brain-gut peptide with hemacrine and autocrine function in the gut [RGD, Feb 2006]