

Product datasheet for RN209877

Cxxc4 (NM_053342) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Cxxc4 (NM_053342) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Cxxc4
 Synonyms: Idax
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN209877 representing NM_053342
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACACCAATGTCTGCGTGGAGCCGGGGCCGAGCCCGGAGGCCCGGGCTTGCCCAAGGAGAGCCACC
 TGCCCGAGGGGGCCCTGAACAGCCTTGTGGATTACAACCTGAGATGGAGCGCTATCGCTCTTTTCCAC
 CTCTTTACAAGACCAACGGGGCGCCTTCCCGCAGGCAGCAAGATCGCGCGCATCACCACCCCATC
 TTCCCCAGCAGCGCCGCCCGCGCGGCTGCTGCGCGCATCGGCATGTCCCCGTGGAACCTGCGACAACG
 CGGCCACCGCCGCCACCGCGATGCTCTGGGGCAGCGGGGGCGCGCGGAGGCGGTGGGGGGCGGGG
 TGGGGGCGGGGAGCCGGCAGGAAATCCTCCTCGGCCCGCCCTCCTCCTCCACCTCCTCCTCGGCGATC
 CTCCCCGCGCGCGGTGGCGGTGGCGGGCGCGCAGTGGCAGCGGGCGCGCGCGCGGTGGCGGGG
 GCAGGACCAGCATGCACCACCGAACGACTCCCAGCGTCTGGGGAAGGCTGGCTGTCCGCCAGAGCCGTC
 GTTGCAAATGGCAAATACTAATTTCTCCTCCACCTTATCCCCGAACACTGCAGACCTTTGGCGGGGAA
 TGCATGAACAAGCTCAAATGCGGCGTGTGAAGCAGAGATAATGAATCTCCCGAGCGGTGGGACTT
 TTTCCGCTATCCCGCTTTAGGGGGCATCTATTACCTCCAGGGTTCATCGTCATGACAGCCCTTCACTC
 CCCCAGCAGCCTCAGCAGCCGTACAGACAGTGCCTTTCAAATTGCCAATCTGGCAGACTGCCCGCAG
 AATCATTCTCCTCCTCCTCGTCTCCTCGGGGGAGCTGGCGGAGCAACCCGGCCAAGAAGAAGAGGA
 AAAGGTGTGGGTCTGCGTGCCTGCAAGAGGCTCATCAACTGTGGCGTCTGCAGCAGTTGCAGGAACCG
 CAAAACGGGACACCAGATCTGCAAATTTAGAAAATGTGAAGAGCTAAAGAAAAAACCTGGCACTTCGCTA
 GAGAGAACACCTGTTCCAGCGCTGAAGCATTCCGATGGTTCTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_053342



Insert Size:	1098 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:	<u>NM_053342.3, NP_445794.3</u>
RefSeq Size:	5486 bp
RefSeq ORF:	1098 bp
Locus ID:	83824
Cytogenetics:	2q43
Gene Summary:	negatively regulates Wnt signaling by binding to the PDZ domain [RGD, Feb 2006]