

Product datasheet for MC217853

Ankra2 (BC079615) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ankra2 (BC079615) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Ankra2
 Synonyms: 1110004M18Rik; Ankra
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC079615
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTACATCTGCAAATCTGGACATTGGGGCCAGCTGATCGTGAAGAGTGTCACAGCAGCTATATCT
 CTGGGATGCCAGACATCAAGCTAGAGCACCAGCTAGACCCAAACCAGATGAAGGAGCAGCCAGGGCGT
 CGCCATGGGGATGAAATTCATATTGCCAAACCGATTTGATATGAACGTGTGTTCTCGATTCTGTAAGTCC
 TTAATGAAGAGGATAGTAAAAATATTCAGATCAAGTAACTCTGACCTGGAGGTGGCATCTGTCTTAT
 TAAAGCTGAGTGCAATATCCATACATCTCCTTCTCTGGAATCAAGTAAGGCATGTCTACACACCATC
 TACAACAAAACATTTCTACCCATAAAAACAGTCAACTACTTTAACCAACAAGCACAGGGGAAACGAGGTC
 TCTACCACACCTCTGTTAGCAAATCTCTGTCTGCTCACCAGTTGGCAGCCAGGGAGAGATGCTCTACC
 TGGCTACTCGTATTGAACAAGAAAATGTTATCAATCACACGGATGAAGAAGGATTACCCCTGATGTG
 GGCTGCGGCACATGGGCAAATAGCTGTGGTAGAGTTCCTTCTCAGAATGGTGCAGATCCCAGCTTCTA
 GGAAAAGGTCGAGAAAAGTGTCTGTCTTGCCTGTAGCAAGGGCTACACAGACATTGTCAAATGCTGC
 TTGACTGTGGAGTTGACGTCAATGAATATGACTGGAACGGAGGGACACCTTTGCTTTACGCTGTCCATGG
 GAACCACGTGAAGTGCCTGAAGATGCTGTTGAAAATGGAGCTGACCCAACAATTGAAACAGACTCTGGC
 TATAATTCTATGGACCTAGCTGTAGCTTTGGGCTACAGAGGTGCTCTGATTATATGCTTGTACAGATGT
 CTTCAGGATTTTCAGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC079615
 Insert Size: 930 bp



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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:	BC079615 , AAH79615
RefSeq Size:	2052 bp
RefSeq ORF:	929 bp
Locus ID:	68558
Cytogenetics:	13 D1
Gene Summary:	May regulate the interaction between the 3M complex and the histone deacetylases HDAC4 and HDAC5 (By similarity). May also regulate LRP2/megalin (PubMed:11095640). [UniProtKB/Swiss-Prot Function]