

## Product datasheet for **MC217875**

### 5430413K10Rik (BC080814) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	5430413K10Rik (BC080814) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	5430413K10Rik
Synonyms:	4833413D08Rik; AI413838
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC080814  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTGGTTCCTCCAGGCCTTGGCCATCATGTTGAGCATCCAAGCGGGAACACTTGACCTGGTGGAAACAC  
CCCCAGTGGTGGCAATCTTCTGTTGCCATGCCTGTTCCACTCAATCTCCCTGTAGGAGGCTAAGTCC  
TCCAGTCTCAAAGGACCAGTCAACCATCAAATGTTACCTCTAAAAGGCCTGTACTCCACCCAAAGGT  
GGCAAGTGTGCACCTGCAGCCAGATACTTCTCTCCAGTGACAACTCCATGACTACCTCATGAGCACAC  
TGCCCCACAGATTGAGGACATGGTGAAGTGTGATGAAGTTAACCTGGAAGGCATGCTTGCGGATGTGT  
GAACACTGTGGAGAGCTCTGACCTGCTCTCCCTCTTAGATGGCATTTCCTCCTAAAAGGAGGAGAAGGG  
GGAGGCCCTGGCATTGGTGGACTCCTAGGCAATGAAGGCAATGGGGATTCTCAAAGCCCTCATCAGGCT  
CCAAGGCCACTGGTGGTCTTGGCCAGCTAATCCCAGGGGGCATCCCAGGCACGGAGGCCCTGGGCGGCC  
ACTAAACCTCGGTGGAGACAAGAGCTCTGAAAAGGGCTGCTGAATGGGGATGGGCTCTCCAAAATCAAG  
AAGCCTCTTGAGGATGCAGTTGAAAATGTGAGCGGTATAAAAGATGCCATTACAGGAGAAAAGTGAATGAAG  
TGGTCCCAGATGGCGTCAAGGAGCCACTTAACGATGTGCTCAAGATGGATATCAAAGACACTCTGCTCGA  
ACTGAAGTGGACAAGTAACTTTGGACGACATGGAGATAAACATGGAAGCTAATGGCATGCAAGTTCTC  
TCCATGCTTACTGCTACCATAGATGGAAAAGGCGTGTGGACCAGTCATCAGCCTACTGCAGTTTGAAG  
CTAAGATGGATGTAATGACGACAATTGCTGTGGCTCCAACAACCCAGTGTGTCAACCTTGATGCCCA  
AGACCCACATGCATGTCAAGGAAATGAAAATCAGTTAGTGGAGACAGTCACAGGAAAAGTGCCTCTG  
CCTGTGCTCTGCCCTTGGATCAGATCATCCCAGCAATAGTGACAGCAAAAATAAATGAAAATCTGGAAA  
AATCCAACCTCTGTGCCATTGTCTCAATGACTTCAACAACCTGCAAGAACAATACCGGCTTATTCAGTTA  
CCAAGTTAATACTGCCAGGATCTCTCAAAGGACTTGTATCCTCTACTGTGCTAAAGCCAATATAGGC  
AACAAAACAGTACCTGTGCTGGAGTCCGCTGCCTCCAGATCCCAAAAATGCAAGCATTGCGGTAAACCA  
TTTCTCCACAACACTGAAGACACTTGTAAAAGAAGTGGCCAAGAATAGCTCTGTGCAGATGGATGGCCT  
GGAAGCACAAATCACCCACATAGCGTTTGCCTCCAGGAAAACAATACGCTCAGAGTCGTGATAAGGTT  
GACATAACAAAGAACGGAGAGCACTTTGCCACTGGGAAACGAAATTAATCATCTCCATGGCAGCAAGA  
TTTCAAACCTCCACTGATACCAGATGTCAAGCTCATAAGGTCTGAGCACAGTGTGGTGCCTCTGAGGC  
TAAGGAAGAAGTAGAAGGCATTTTGTCTGAAGTAGGAAAGGTGGCCTGGTCCAACCTCAATGAAACGAT  
AAAAAATGAACATTCCTGTAGGTGTGCTTACATACTTTAAAGAAGTCCGATGTCAAATGATGAAAT  
CAATTGACCTTCAGGCAGCAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC080814

Insert Size: 1776 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:**

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:** [BC080814](#), [AAH80814](#)

**RefSeq Size:** 2070 bp

**RefSeq ORF:** 1775 bp

**Locus ID:** 71425

**Cytogenetics:** 2 H1