

Product datasheet for **MR212936**

E130311K13Rik (NM_177856) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: E130311K13Rik (NM_177856) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: E130311K13Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR212936 representing NM_177856
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCGGCCGCCCGCAGCCTCGGGTCGCAGGCGCCGACCGCGACCGAGGGGAGGCCAACGTGGTGA
CACGGGTGTCGCAATGGGCAGACAACCATCTGCGCCTTGTCAGAACATCAGCACGGGAATGGCCATAGC
TGGGATAATGTTGCTGATAAGGAGCGTCCGGCTGACCTCAAAATTTACAACCTTTCAGATATCCAGTA
GAATTTAAGAAAGAAAGTAAACTACGTGGCCGATTACAGCGGATAACTGAGTGTGGTCTAGAAATG
AACATATACCTATTACTTTACCTTTTCATATCTTCATGAAAGAAGAACCGTGGAGTTTGTGGTTAA
ACTGGCTGGAGTAGAACTCACTGAAAGTGGTAAGGTGTGGCTACAGGCAGAGCTGAAGCCTTCCCAGCTG
CTCTGGTTCCAGCTCCTCGGAAAGGAGGACTCAGCACTTTTTGCTACCTACTAGTGAACAAGGGCGGAT
ATTTAACTGAACTGAATGAGGAGATTTTGAGAAGAGGCTTGGGCAAAACCGTCCTTGTTAAAGGGCT
AAATTATGACTCAAAAACCCACTGGAAAATTCACAGAACTTAAAGCTGAATTGACGGCCTTAAAG
AAAGGAGAAGGAATATGGAAGGAAGAGTCTGAAAAGAAAGCTATTTTAGAAAATTGAAAGACTCCTGGA
GAGAGAGATGGACAAAGGACAATGATTTAAAACAGCTGGAGCAGACCTCGGCTCCACCAAAGACAGTTA
TCACGACAGCCGGCGCAGGGCGTCCGGGAAGGGGAAGGACAGCGTGAAGCAACTACTTTTCTTTCTGAAA
CTCAGAGAATTTGTGAGCCGCTTACACTTTTGGAGGAAAGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR212936 representing NM_177856
Red=Cloning site Green=Tags(s)

MARPPASLGSQAPDRDRGEANVVTRVSQWADNHLRLVQNIISTGMAIAGIMLLIRSVRLTSKFTTSSDIPV
 EFIRKKVKLRGRLQRITECGLEIEHIPITLPISSWKEEPRGVLLVKLAGVELTESGKVVQLAELKPSQL
 LWFQLLGKEDSALFCYLLVNKGGYFNVNLNEEILRRGLGKTVLVKGLNYDSKTHWKIHRNLLKAELTALK
 KGEGIWKEESEKESYFRKLDKSWRERWTKDNDLKPAGADL GSTKDSYHDSRRRRASGKGKDSVSNYSFFLK
 LREFVSRHLHFWRKG

TRTRPLEQKLISEEDLANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9085_g09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_177856

ORF Size: 882 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:

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: [NM_177856.5](#)

RefSeq Size: 1541 bp

RefSeq ORF: 885 bp

Locus ID: 329659

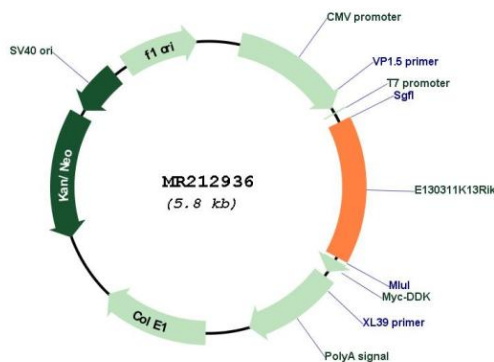
UniProt ID: [Q8BN57](#)

Cytogenetics: 3 E1

MW: 33.7 kDa

Gene Summary: May play a role in transcription regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR212936