

Product datasheet for **MR207883**

6230410P16Rik (BC036136) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	6230410P16Rik (BC036136) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	6230410P16Rik
Synonyms:	6230410P16Rik; C430006L12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207883 representing BC036136
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTTGGCAGAACAGGCACGGCAGCTGTTTATAGTGCAGTGGGTGCTGTGCAGCCAGGCCCATGC
 TGCAAGGACACTGTCCCTGGATCCTAGTGGCAGACAGCTGAAGGTGCGGGACCGACCTCCAGCTGCG
 GGAAAACCTCTACCTAGTGGGCTTCGGCAAGGCCGTAAGTGGGCATGGCAGCTGCTGCCGAGGAGCTGCTG
 GCTCAGCATCTTGTGCAGGGTGTGATCAGCGTACCCAAGGGGATCCGAGCCGCTATGGAACATGCTGGAA
 AGAAAGAGATGCTGCTGAAGCCACACAGCCGCTCCAGGTGTTGAGGGCGCCGAGGACAACCTACCGGA
 TCGGGATGCACTCCGGGCCGCGTGACCATCCAGCAGCTGGCAGAGGGGCTCACTGCAGATGACCTGCTG
 CTGGTGTCTATCTCAGGTGGGGCTCAGCCCTGCTGCCTGCTCCAATCCCACCTGTCACACTGGAGGAGA
 AACAGATGCTACCAAGCTGCTGGCAGCCCGAGGACCCAGATCCAGGAGCTGAACACCATCCGCAAGGC
 CCTGTGCGAGCTGAAGGGTGGAGGGCTGGCTCAGGCTGCCTATCCTGCTCAGGTGATAAGCCTCATCTTG
 TCAGATGTGATTGGGGACCCCTTTGGAAGTGATTGCCAGTGGCCCTACGGTGGCCAGCGCCACAGTGTGC
 AAGACTGCCTGCATATTCTCAACCACTATGGCCTCCGTGCTGCTCTTCCCGCTCTGTGAAGACTGTGCT
 CTCCCAGCTGACTCTGACCCCATGGACCACACACCTGTGGCCACGTCCTCAATGTGATCATCGGCTCT
 AACTCTCTGGCGCTGGCTGAGGCTCAGAGGCAAGCTGAGGTGCTGGGCTACCATGCCATGGTGTGAGCA
 CAGCCATGCAGGGTGTATGAAAAGAGTGGCTCGGTTCTACGGGCTGCTAGCCCGGGTGGCTGCAGCCCA
 CCTCACTCCATCTTTGGCTGAGCGTCCCTTGGAGGAGGAGCGGAACTCCATCAGCTGGCAGCTGAGCTC
 CAGCTCCCGACCTGCAGCTGGAGGAGGCTCTGGAAGCGGTGGCAAAGGCTAAAGGGCCGGTCTGCCTCC
 TGGCTGGTGGTGAAGCCACGGTGCAGCTGCAGGGATCTGGCAAGGGCGGTGCGAAACCAAGAACTGGCCT
 GCACGTGGGAGTGGAGCTGGGAAGGCAGCCACTGGGACCTATTGATGTGCTATTTTTGAGTGGAGGCACT
 GATGGGCAGGATGGCCCTACAAAGTGGCCGGGCTGGGTCATGTCTGATCTCATCAGCCAGGCTCTG
 CTGAGAGCTGGACATCGCCACCTCCCTACCAACAACGACTCATACACTTTCTTTTGGCGCTTCCGGGG
 AGGAACACATTTGCTGCACACAGGGTTGACAGGGACCAATGTTATGGATGCCACCTCCTGATTCTCAT
 CCTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207883 representing BC036136
 Red=Cloning site Green=Tags(s)

MALAEQARQLFDSAVGAVQPGPMLQRTLSLDPSGRQLKVRDRTFQLRENLYLVGFGKAVLGMAAAEEELL
 AQHLVQGVISVPKGIARAAMEHAGKKEMLLKPHSRVQVFEGAEDNLPDRDALRAALTIQQLAEGLTADLL
 LVLISGGGSALLPAPIPPVTLEEKQMLTKLLAARGATIQLNLTIRKALSQKGGGLAQAA YPAQVISLIL
 SDVIGDPLEVIASGPTVASAHSVQDCLHILNHYGLRAALPRSVKTVLSRADSDPHGPHTCGHVLNVIIGS
 NSLALAEQRQAEVLGYHAMVLSTAMQGDVQRVARFYGLLARVAAAHLTPSLAERPLEEEEAEHLQLAAEL
 QLPDLQLEEALAVAKAKGPVCLLAGGEPTVQLQSGSGGRNQELALHVGVELGRQPLGPIIDVFLSGGT
 DGQDGPVKVAGAWMSDLISQASAESLDIATSLTNNDSTYFFCFRFRGGTHLLHTGLTGTNMDVHLLILH
 PQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC036136

ORF Size: 1476 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: [BC036136.1](#)

RefSeq Size: 4086 bp

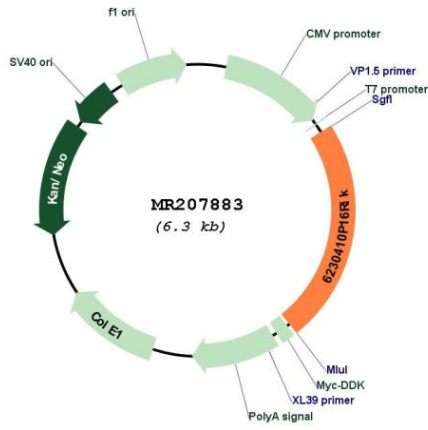
RefSeq ORF: 1478 bp

Locus ID: 235582

Cytogenetics: 9 F1

MW: 52 kDa

Product images:



Circular map for MR207883