

Product datasheet for **MG207883**

6230410P16Rik (BC036136) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	6230410P16Rik (BC036136) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	6230410P16Rik
Synonyms:	6230410P16Rik; C430006L12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207883 representing BC036136
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTTGGCAGAACAGGCACGGCAGCTGTTTGTATAGTGCAGTGGGTGCTGTGCAGCCAGGCCCATGC
 TGACAGAGGACACTGTCCCTGGATCCTAGTGGCAGACAGCTGAAGGTGCGGGACCGACCTCCAGCTGCG
 GGAAAACCTCTACCTAGTGGGCTTCGGCAAGGCCGTAAGTGGGCATGGCAGCTGCTGCCGAGGAGCTGCTG
 GCTCAGCATCTTGTGCAGGGTGTGATCAGCGTACCCAAGGGGATCCGAGCCGCTATGGAACATGCTGGAA
 AGAAAGAGATGCTGCTGAAGCCACACAGCCGCTCCAGGTGTTGAGGGCGCCGAGGACAACCTACCAGGA
 TCGGGATGCACTCCGGGCCGCGTGACCATCCAGCAGCTGGCAGAGGGGCTCACTGCAGATGACCTGCTG
 CTGGTGTCTATCTCAGGTGGGGCTCAGCCCTGCTGCCTGCTCCAATCCCACCTGTCACACTGGAGGAGA
 AACAGATGCTACCAAGCTGCTGGCAGCCCGAGGAGCCACGATCCAGGAGCTGAACACCATCCGCAAGGC
 CCTGTGCGCAGCTGAAGGGTGGAGGGCTGGCTCAGGCTGCCTATCCTGCTCAGGTGATAAGCCTCATCTTG
 TCAGATGTGATTGGGGACCCCTTTGGAAGTGATTGCCAGTGGCCCTACGGTGGCCAGCGCCACAGTGTGC
 AAGACTGCCTGCATATTCTCAACCACTATGGCCTCCGTGCTGCTCTTCCCGCTCTGTGAAGACTGTGCT
 CTCCCAGCTGACTCTGACCCCATGGACCACACACCTGTGGCCACGTCCTCAATGTGATCATCGGCTCT
 AACTCTCTGGCGTGGCTGAGGCTCAGAGGCAAGCTGAGGTGCTGGGCTACCATGCCATGGTGTGAGCA
 CAGCCATGCAGGGTGTATGAAAAAGAGTGGCTCGGTTCTACGGGTGCTAGCCCGGGTGGCTGCAGCCCA
 CCTCACTCCATCTTTGGCTGAGCGTCCCTTGGAGGAGGAGCGGAACTCCATCAGCTGGCAGCTGAGCTC
 CAGCTCCCGACCTGCAGCTGGAGGAGGCTCTGGAAGCGGTGGCAAAGGCTAAAGGGCCGGTCTGCCTCC
 TGGCTGGTGGTGGAGCCACGGTGCAGCTGCAGGGATCTGGCAAGGGCGGTGGAAACCAAGAAGTGGCCT
 GCACGTGGGAGTGGAGCTGGGAAGGCAGCCACTGGGACCTATTGATGTGCTATTTTTGAGTGGAGGCACT
 GATGGGCAGGATGGCCCTACAAAGTGGCCGGGCTGGGTCATGTCTGATCTCATCAGCCAGGCTCTG
 CTGAGAGCTGGACATCGCCACCTCCCTCACCAACAACGACTCATACACTTTCTTTTGGCGCTTCCGGGG
 AGGAACACATTTGCTGCACACAGGGTTGACAGGGACCAATGTTATGGATGTCCACCTCTGATTCTCAT
 CCTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

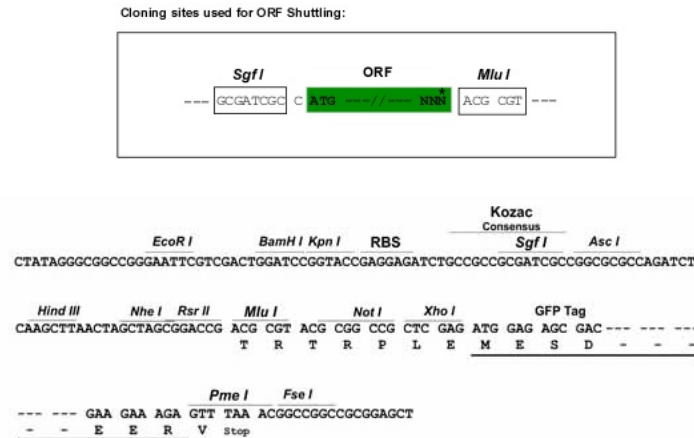
>MG207883 representing BC036136
 Red=Cloning site Green=Tags(s)

MALAEQARQLFDSAVGAVQPGPMLQRTLSDPSGRQLKVRDRTFQLRENLYLVFGKAVLGMAAAAEELL
 AQHLVQGVISVPKGIARAAMEHAGKKEMLLKPHSRVQVFEGAEDNLPDRDALRAALTIQQLAEGLTADDLL
 LVLISGGGSALLPAPIPPVTLEEKQMLTKLLAARGATIQELNTRKALSQLKGGGLAQAA YPAQVISLIL
 SDVIGDPLEVIA SGPTVASAHSVQDCLHILNHYGLRAALPRSVKTVL SRADSDPHGPHTCGHVLNVIIGS
 NSLALAEARQAEVLGYHAMVLSTAMQGDVKRVARFYGLLARVAAHLTPSLAERPLEEEAEELHQLAAEL
 QLPDLQLEEALEAVAKAKGPVCLLAGGEPTVQLQSGKGGRNQELALHVGVELGRQPLGPIDVFLSGGT
 DGQDGPVKVAGAWMSDLISQASAESLDIATSLTNDSYTFFCRFRGGTHLLHTGLTGTNMDVHLLILH
 PQ

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC036136

ORF Size: 1479 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](#)

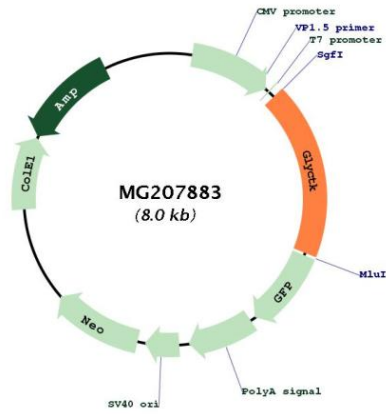
RefSeq Size: 4086 bp

RefSeq ORF: 1478 bp

Locus ID: 235582

Cytogenetics: 9 F1

Product images:



Circular map for MG207883