

Product datasheet for MR213385

1700011I03Rik (NM_029290) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1700011I03Rik (NM_029290) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 1700011I03Rik
Synonyms: 4930583I06Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR213385 representing NM_029290
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGTTAGTCGGTGTCTGTCCATGGACAGAGGATCTCAATGGGCCTGCCAAGATGGGAGGATGTCACA
 GCAAGAAAGTTGTAATCCCAGATATTGAGACCTCAGCGAGATGCAGGTCGATGCTTGAAGTTATCAGTC
 ATATATTCAGTCACAAAACAGAACATCGGGAACTCACCAGACAGTGACAGACAGTATTTCTCTGGAA
 CACTTGGAGATTTGCCTGAAGGAAGCAGAGGAAAAGGCTAGAGCTCTGTTGGAACAGCTTACAGCTTCTG
 AAGCAACAAAATCACAACCTCTGAGAAGTCTCCATGCTGGAGGAAGGCTAGAGGATGTGAACCGAAA
 GAACGTTGGTGGAGAGTTGTATGAAAACATGGTTCTTGAGAAAGACAAGTGCATTGAGAAGTTGCAAGCT
 GAAGTCAAAGCCTCCCAGGAGAACTTAACATCCATAAACTAAAGCACAAAAAGGCAGTGAAAAAGCTAC
 AAAGTATTTGGCAATAGCTAAGCAAGAGGCTGCCATCACTGTCTGGAAGTCAATGAGAAGATAATGAC
 ACTCTGTGAAGGAAGGCCCTTCCCTAGAGCAACCAACTCAGTGAAGTACTCTCCGGAGGCTCCCACCT
 GTGGAAGAAAGCGACAGGAAGTTTTCCCTGATCATGGAGCTGTCCACCAACTTTCCCTCAGACGGAGA
 AGATCACTCAGCTCGAAGACACCTTAGCGGAAAAGGAAAAGAAGTTCGAGGAGCTGGAAGCAGAGTGCAC
 TTCCAGGTCCCCAAGGTGAAGACAGACTTACAGAAGATTTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR213385 representing NM_029290
 Red=Cloning site Green=Tags(s)

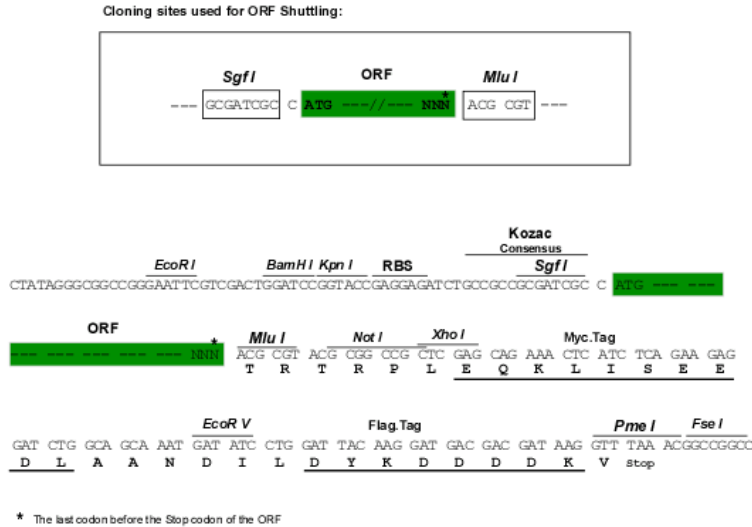
MRLVGVCPTWEDLNGPAKMGGCHSKKVVIPDIETSARCRSMLGSYQSYIQSNRTSGNSPDSGQTVFSL
 HLEICLKEAEKARALLEQLTASEATKSQLLEKVSMLLEGRLEDVNRKNVGGELYENMVLEKDKCIEKLQA
 EVKASQEKLNIIHKLKHKKAVKKLQTDLAIKQEAATVLELNEKIMTLCEGRPFPRATNSVEVLSGGLPP
 VEESDRKFSLIMELSTQLSLQTEKITQLEDTLAEKEKKIEELEAECTSQVPQGEDRLTEDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9061_g12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_029290

ORF Size: 813 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_029290.1](#), [NP_083566.1](#)

RefSeq Size: 967 bp

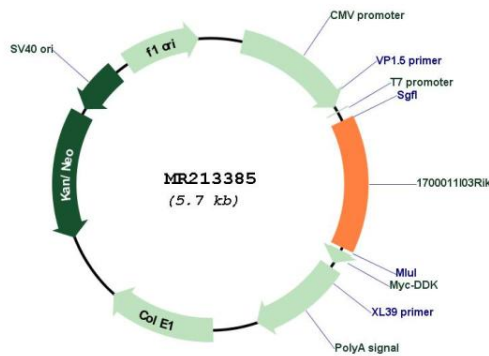
RefSeq ORF: 816 bp

Locus ID: 75444

Cytogenetics: 18 D3

MW: 30.2 kDa

Product images:



Circular map for MR213385