

Product datasheet for MR201626

1110004F10Rik (NM_019772) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110004F10Rik (NM_019772) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 1110004F10Rik
Synonyms: sid2057; sid2057p; Smacp; Smap
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201626 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTGTGCCCGGAGTCTCACCCGCACGGGTGAAACGTTTCAGCCTCCCCGACGACGATCTTGAT
 CTAGCAATTGGGAGGCAGCAGACTTAGGCAATGAAGAAAGAAAACAAAAGTTCTTGAGACTCATGGGTGC
 AGGAAAGAAAGAACACTGGTCGTCTTGTATAGGAGATCACAATCAACATCTCACTCCGAACAGGG
 GAAGAAGACAAGAAAATTAATGAAGAGCTGGAGTCTCAGTACCAGCAGAGCATGGACAGCAAAGTGTGAG
 GACGGTACCGCGCAGCTGCGGCTCGGCTTCAGTGAGGTAGAAGATCATGATGGAGAAGGTGATGTGGC
 TGGAGATGACGATGAGGACGACTCCCCTGATGCTGAGAGTCCAGATGACTCGGACAGTACTCTGAGTCT
 GAGAAGGAGGAGTCTGCAGAAGAGCTTCATGCTGCTGAGCATCCTGACGACACAGAAGACCCGAAGAGCA
 AAAAGATGCGAAGAGCAATTATAAGATGATGTTGTCAAGTCCAGTGGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201626 protein sequence
 Red=Cloning site Green=Tags(s)

MSAARESHPHGVKRSASPDDDLGSSNWEADLGN EERKQKFLRLMGAGKKEHTGRLVIGDHKSTSHFRTG
 EEDKKINEELESQYQQSMDSKLSGRYRRHCGLGFSEVEDHDGEGDVAGDDDEDDSPDAESPDDSDSDES
 EKEESAEEELHAAEHPDDTDPKSKKDAKSNYKMMFVKSSGS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_019772

ORF Size: 546 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_019772.2](#), [NP_062746.1](#)

RefSeq Size: 1400 bp

RefSeq ORF: 546 bp

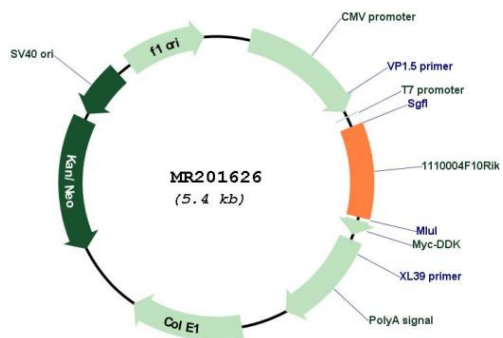
Locus ID: 56372

UniProt ID: [Q9R0P4](#)

Cytogenetics: 7 F1

MW: 20 kDa

Product images:



Circular map for MR201626