

Product datasheet for MR219714

Gm5796 (NM_001029930) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm5796 (NM_001029930) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Gm5796
Synonyms: 545007
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR219714 representing NM_001029930
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGTTTTCTGGCTGCTCAGGCTATTTAGAAAAGAGAATGGCGATGAAGGAGAGACAAGACCAAAAAAGA
 AGGAAGAGGGAATCCTTTCTCATGAAAAGGAAGAAGAAATCATTCTGGAGAAGGCACAGGTCTGCTAG
 AAATACTCAACCCAAAATTCAAAATGACTAAGAAGAGATCAAAAAGAAATGAACTAGAAGAACTGAAA
 TTGGATATGAGGAAGATCAGCAATGACATGGAGGAAATGTGTGGAATCCTGAACCTTTACATGTATGAGG
 ATTTGAACTACAGGATGAACACTGAATTCACATCATTAAATCACACATGAGAAGACAATGTTGGATAT
 GAATAAATGATCCAGTCCATAATTGGTTCCATGCACTACTCCAAGGAACTGATAGAAGATAACTATTCC
 TACAGCATTAAAGGAGGACCACCTCCTCCGTGAGTGCACCTCAACTCAACGAAAACGTAAGGATATTACTGA
 ATGAGAACAGAAGGCTGCTGGTGGAGCAGTCTGGCCATAAGTGTCTGTGGGGAAGAAAAGAGGTTCTCT
 GAGGAGGCCAGCAAGAACATCTGTGTCCCAAGTGCCAAGGAACAGCAGTGTGATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR219714 representing NM_001029930
 Red=Cloning site Green=Tags(s)

MFSWLLRFLQKENGDEGETRPPKKKEEILSHEKGRKRSFWRHRHSARNTSTQNSKMTKKRSKRNELEELK
 LDMRKISNDMEEMCGILNLYMYEDLNRYMNTFNIKSQHEKTM LDMNKMIQSIIGSMQYSKELIEDNYS
 YSIKEDHLLRECTQLNENVRILLNENRLLVEQSGHKCPVGGKRGSLRRPARTSVSQVPRNSSVI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001029930

ORF Size: 615 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_001029930.2](#), [NP_001025101.2](#)

RefSeq Size: 1815 bp

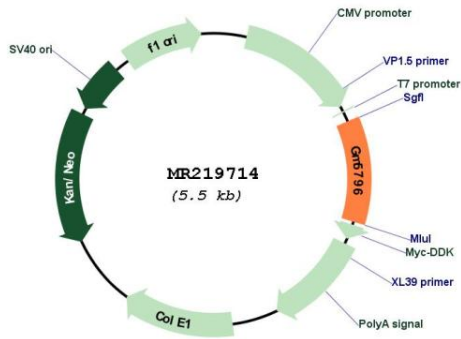
RefSeq ORF: 618 bp

Locus ID: 545007

Cytogenetics: 14

MW: 24.9 kDa

Product images:



Circular map for MR219714