

Product datasheet for MR204274

Vsig8 (BC064106) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vsig8 (BC064106) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vsig8
Synonyms:	A030011M19; EG240916
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204274 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACCTGCAGGTATCTGACACAGCAACCTATGAGTGCCGGGTGAAGAAGACCACCATGGCCACCAGGA
AGGTCAATTGTCAGTGTCCAAGCACGTCTGCGGTGCCATGTGTTGGACGGAAGGCCACATGTCAAAGGG
CAACGATGTGGTGTGAAGTGCTTTGCCAACGGAGGCTCTCAGCCCTCTCCTACAAGTGGGCCAAGATC
AGTGGGCACAGTCACCCCTACCGAGCTGGGGCTTACCACTCACAGCACAGCTTCCACTCTGAGCTTTCTT
ACCAAGAGTCATTCCACAGCACCATCAACCAAGGCCTGGGCAACGGAGACCTGCTGTTGAAGGGCATCAA
CGCAGACGACGATGGGCTGTATCAGTGCACAGTGGCCAACCATGTGGGCTACAGCGTCTGTGTGGTAGAG
GTGAAAGTCTCAGACTCCAGCGAGTAGGCATGATCGTTGGAGCAGTGTGGGCTCTTTGCTCATGCTGG
CCTGCCTGGCACTAGGCATCTGGGGCTCATCTGCTGCTGCTGCGGAGGCGGGCGGGCCGGTGGTCCCCG
AGGTGCCCTTCGGCTACGGGGTCGGCGCGGGGTGCGCGGAGGGGCTGCGGCGACTTGGCTAGTGAGATC
AGAGTGGACGCCGAGGCGCCCGGTGTAAGGCCAGCGGGCGGGCAGCCGCTCACCCACCTCTGGGGT
ACCCGACGCAGAACGTGAGCCGCTCCCTGCGCCGCAAGTACGCGCTCCGCCCTGCGGCGGGCCCGAGGA
CGTGGCCCTAGTCCCCGCACCCGCTCCGCTCCTGCGAAGCGGGTCCCTCCCCGTCTACATCAAGGTC
AAGAGCGCGGAGCCGGCCGACTGCGCCGACTGTGCCAGGTCGAGCAGCGCTCGTCAAGGACGGCCCTCT
TAGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204274 protein sequence
Red=Cloning site Green=Tags(s)

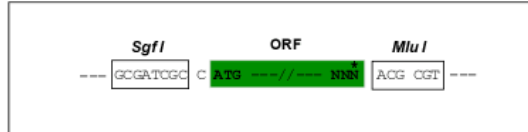
MNLQVSDTATYECRVKKTMTATRKVIVTVQARPAVPMCWTEGHMSKGNVVLKCFANGGSQPLSYKWAKI
 SGHSHPYRAGAYHSQHSFHSLSYQESFHSTINQGLGNGDLLLKGINADDGLYQCTVANHVGYSCVVE
 VKVSDSQRVGMIYGAVLGSLMLACLALGIWGLICCCCGGGGAGGARGAFGYGVGGVGGGACGLASEI
 RVD AEAPGCKASGRSRVTHLLGYPTQNVSRSLRRKYAPPPCGPEDVALVPRTASASCEAGPSVYIKV
 KSAEPADCADCAQVEQRSCDKGLLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC064106

ORF Size: 915 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: [BC064106](#), [AAH64106](#)

RefSeq Size: 1552 bp

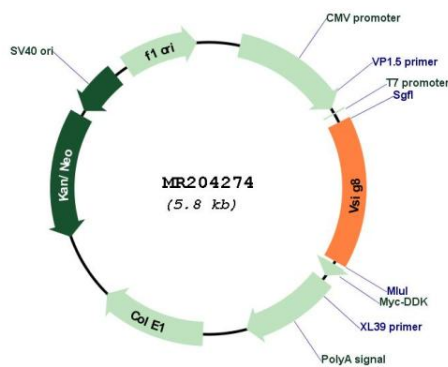
RefSeq ORF: 917 bp

Locus ID: 240916

Cytogenetics: 1 H3

MW: 31.8 kDa

Product images:



Circular map for MR204274