

Product datasheet for MR215689

Vsig8 (NM_177723) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vsig8 (NM_177723) 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: >MR215689 representing NM_177723
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAGTTCGAGGAGCACTCCATCTTCTACTTGTGTGCCTGAGCCAGCACTGTTGTCTGCTGTAAGGA
 TCAACGGGGATGGCCAGGAGGTACGTACCTGGCAGAAGGTGACAATGTGAGGCTAGGCTGTCCCTACCT
 CCTGGATCCTGAGGATTTGGGTACCAACAGTCTGGACATTGAGTGGATGCAAGTCAACTCAGAGCCCTCA
 CACAGGGAGAATGTTTTTCTTACTTATCAAGACAAGAGGATAGGTCATGGCAACCTCCCCATCTGCAGC
 AGAGGGTCCGCTTTGAGCCTCAGACCCAGCCAGTACGATGCCATCAACCTCATGAACCTGCAGGT
 ATCTGACACAGCAACCTATGAGTGCCGGTGAAGAAGACCACCATGGCCACCAGGAAGGTATTGTCACT
 GTCCAAGCACGTCTGCGGTGCCATGTGTTGGACGGAAGGCCACATGTCAAAGGCAACGATGTGGTGC
 TGAAGTGCTTTGCCAACGGAGGCTCTCAGCCCCTCTCTACAAGTGGGCCAAGATCAGTGGGCACAGTCA
 CCCCTACCGAGCTGGGGCTTACCACTCACAGCACAGCTTCCACTCTGAGCTTTCTTACCAAGAGTCATTC
 CACAGCACCATCAACCAAGGCCTGGCAACGGAGACCTGCTGTTGAAGGGCATCAACGCAGACGACGATG
 GGCTGTATCAGTGCACAGTGGCCAACCATGTGGGCTACAGCGTCTGTGTGGTAGAGGTGAAAGTCTCAGA
 CTCCCAGCGAGTAGGCATGATCGTTGGAGCAGTCTGGGCTCTTGTCTCATGCTGGCCTGCCTGGCACTA
 GGCATCTGGGGCTCATCTGCTGCTGCTGCGGAGGCGGGCCGGTGGTGGCCGAGTGCCTTCGGCT
 ACGGGTTCGGCGCGGGTTCGGCGGAGGGCTGCGGCGACTTGGCTAGTGAGATCAGAGTGGACGCGCA
 GGCGCCCGGGTGTAAAGCCAGCGGGCGCGGAGCCGCGTCAACCCACCTCTGGGGTACCCGACGAGAAC
 GTCAGCCGCTCCCTGCGCCGAAGTACGCGCTCCGCCCTGCGCGGCCCGAGGACGTGGCCCTAGTGC
 CCCGACCGCCTCCGCTCCTGCGAAGCGGGTCCCTCCCCGCTACATCAAGGTCAAGAGCGCGGAGCC
 GGCCGACTGCGCCGACTGTGCCAGGTCGAGCAGCGCTCGTGCAAGGACGGCCTCTTAGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR215689 representing NM_177723
Red=Cloning site Green=Tags(s)

MGVIRGALHLLL VCLSPALL SAVRINGDGGQEV MYLAEGDNVRLGCPYLLDPEDLGTNSLDIEWMQVNSEPS
 HRENVFLTYQDKRIGHGNLPHLQQRVRF AASDPSQYDASINLMNLQVSDTATYECRVKKT MATRKVIVT
 VQARPAVPMCWTEGHMSKGNDDV LKCFANGGSQPLSYKWKI SGHSHPYRAGAYHSQHSFSELSYQESF
 HSTINQGLGNGDLLLKGINADDDGLYQCTV ANHVGYSVCVVEVKVSDSQRVGMIVGAVLGSLLMLACLAL
 GIWGLICCCCGGGAGGARGAFYGVGGGVGGGACGDLASEIRVDAEAPGCKASGRGSRVTHLLGYPTQN
 VSRSLRRKYAPPCGGPEDVALVPR TASASCEAGPSPVYIKVKS AEPADCADCAQVEQR SCKDGLLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9028_c05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_177723

ORF Size: 1251 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_177723.4](#), [NP_808391.2](#)

RefSeq Size: 1814 bp

RefSeq ORF: 1254 bp

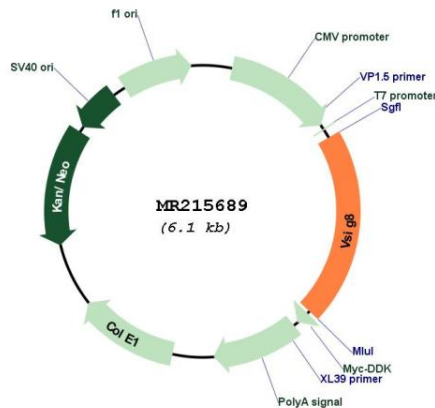
Locus ID: 240916

UniProt ID: [Q6P3A4](#)

Cytogenetics: 1 H3

MW: 44.6 kDa

Product images:



Circular map for MR215689