

Product datasheet for **RN216921**

Vsig10 (NM_001271336) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vsig10 (NM_001271336) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vsig10
Synonyms:	RGD1565800
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216921 representing NM_001271336
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGGATTGCGCGTCTGCTGTGCCTCGGGCGCTGCTGGCCCGCCAGGGCTCCGCAGGTGTCAAGC
 TGGTTCCTGAACCCAGCCGTCCTACTTGTGTATCAGTCCAACCTCTCCAGTCTTGCCTGGCATCCACCC
 TGACCTTCCCTTTACAGACTCAGAGGCTGTGGCTATCGGCGAAGTCCATGAAAATGTTACTCTACGCTGT
 GGCAGCTTGTGAGGATCCAGAGGCTGGTACCTGGTACCGGAATGACTCCGAGCCCGCCTTCTGGTCT
 CCTCCAATTCAGCCTCCCTCCGGCTGCACCCGTTTCTCTAGAGGATGCAGGTGCCCTGCGCATTGA
 GGCTCTGAGACTGGAGGATGACGGCACTACACCTGCCGAGAGGTTCTAAACGAGACCCACTGGTCCCT
 GTGCAGCTTCGGGTGACCACTGGCCCTGCCACATTGACGTTAACATCTCAGCCACTGGCACCTCCCA
 ATGGCACCTGTACGAGCCAGGGGCTCTCAGGTGGACTTCAGCTGCTGCAGCGCTGCACAGCCTCCGCC
 CGAGGTGGAGTGGTGGATCCAGACCCACAGCAGCTCTCCGAGTCTTGGGAAAGAACCTGTCGGCCAAC
 AGCTTCACTCTGATGCTGATGTCCAAGAACCTCCAAGGCACTACACTTGCTCAGCCACCAACGTGCTCA
 GCAGGAGACAGCGAAAGGTGACCACCGAGCTCCTGGTCTACTGGCCCCCTCCGTAGCTCCTCAGTGCTC
 GGCGGGGTTGTCTCCAGAATCAGCTAACCTGGAACCTCACCTGTAAGTGGGATGGGGGATACCCTGACCCG
 ACCTTCTGTGGACTGAGGAGCCTGGAGGAGTGGTCGTGGGGAATTCAAAGCTGCAAACCTGAGCCCGT
 CGCAGCTGTGGAGGGCAAGAAGTTTAAATGCGTTGGGAGCCACATACTGGGACCAGAGTCTGGAGCCAG
 CTGCGTGGTACAGATCTCAAGCCCTTACTTGCATCTCGGCCATGAAAACCTGCTTGGTGGGGGCGAT
 GTGACGCTCACCTGCCAAGTGGAGGGAGCAACCCACCTGCAAGGATCCAGTGGCTGAGGAACCTCACGC
 AGCCGGAGACAGCCATCCAGCCAGCAGCCGCTATGTCATTACCCAGCAGGGCCAGAGCTCCTCTCTCAC
 CATCCACAACCTGCTCCAGGACCAGGATGGAGGCTTTTACTTCTGCCGGGCCGAGAACCTGTTGGGGTG
 AGGGCTGCAGATATCTGGCTGAGTGTTAAAGAACCTCTGAACGTCGGGGGCATCGTGGGCACTGTGGTGA
 GCCTCCTCTGCTGGGTCTGGCCATCGTTTGGGCCTCATGCTCTATTACAGCCCTGCTTCTGCTGGAA
 GGCAGGGAGCACGCTCAGGGGACAGGACATGGGTGACGTCATGGTTTGGTGGATTCCGGAAGAGGAGGAG
 GAAGAGGAGGAGAACAAGGGAGCTCTTGTGAAGTGGTGGGCAGGAGACGAGGGAGACAGAGGAGGAGT
 TGCCGAAAGAGATAGGCAAGCATGGACACATTACAGGGTGACTGCTCTGGTCAACGGGAACCTTAGACCG
 CATGGGGAACGGACTGCAAGAGTTTCAGGATGACAGTGACGGACAGCAAAGCGACATTGTTGAAGAGGAA
 GACAAACCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001271336

Insert Size: 1695 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001271336.1](#), [NP_001258265.1](#)

RefSeq Size: 3129 bp

RefSeq ORF: 1695 bp

Locus ID: 304529

Cytogenetics: 12q16