

## Product datasheet for **SC330618**

### **VSIG4 (NM\_001257403) Human Untagged Clone**

#### Product data:

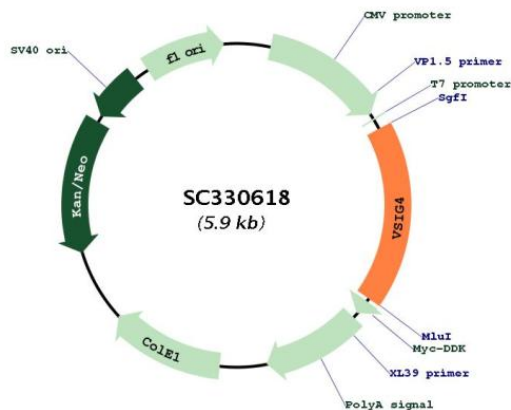
**Product Type:** Expression Plasmids  
**Product Name:** VSIG4 (NM\_001257403) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** VSIG4  
**Synonyms:** CRIG; Z39IG  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330618 representing NM\_001257403.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGGGATCTTACTGGGCTGCTACTCCTGGGACCTAACAGTGGACACTTATGGCCGTCCCATCCTG
GAAGTGCCAGAGAGTGTAAACAGGACCTTGGAAAGGGGATGTGAATCTTCCCTGCACCTATGACCCCTG
CAAGGCTACACCAAGTCTTGGTGAAGTGGCTGGTACAACGTGGCTCAGACCCTGTACCATCTTCTA
CGTGACTCTTCTGGAGACCATATCCAGCAGGCAAAGTACCAGGGCCGCTGCATGTGAGCCACAAGTT
CCAGGAGATGTATCCCTCCAATTGAGCACCTGGAGATGGATGACCGGAGCCACTACACGTGGAAGTC
ACCTGGCAGACTCCTGATGGCAACCAAGTCGTGAGAGATAAGATTACTGAGCTCCGTGTCCAGAACTC
TCTGTCTCCAAGCCACAGTGACAACCTGGCAGCGTTATGGCTTACGGTGCCCAAGGGAATGAGGATT
AGCCTTCAATGCCAGGCTCGGGTTCTCCTCCCATCAGTTATATTTGGTATAAGCAACAGACTAATAAC
CAGGAACCCATCAAAGTAGCAACCCTAAGTACCTTACTCTTCAAGCCTGCGGTGATAGCCGACTCAGGC
TCCTATTTCTGCACTGCCAAGGGCCAGGTTGGCTCTGAGCAGCACAGCGACATTGTGAAGTTTGTGGTC
AAAGACTCCTCAAAGCTACTCAAGACCAAGACTGAGGCACCTACAACCATGACATACCCCTTGAAGCA
ACATCTACAGTGAAGCAGTCCTGGGACTGGACCACTGACATGGATGGCTACCTTGGAGAGACCAGTGCT
GGGCCAGGAAAGAGCCTGCCTGTCTTGGCCATCATCCTCATCATCTCCTTGTGCTGTATGGTGGTTTTT
ACCATGGCCTATATCATGCTCTGTGGAAGACATCCCAACAAGAGCATGTCTACGAAGCAGCCAGCCCA
AAGTGTCCGCCTACCAACTGGAGCCGCTGGGAGTCACTGGCTTGCCTGGAATTTGCCAGATGCAT
CTCAAGTAA
```

**Restriction Sites:** SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001257403

**Insert Size:** 1044 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).

**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\\_001257403.1](#)

**RefSeq Size:** 1535 bp

RefSeq ORF: 1044 bp

Locus ID: 11326

UniProt ID: [Q9Y279](#)

Cytogenetics: Xq12

Protein Families: Transmembrane

MW: 38.2 kDa

**Gene Summary:** This gene encodes a v-set and immunoglobulin-domain containing protein that is structurally related to the B7 family of immune regulatory proteins. The encoded protein may be a negative regulator of T-cell responses. This protein is also a receptor for the complement component 3 fragments C3b and iC3b. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

Transcript Variant: This variant (5) uses an alternate splice junction at the 5' end of a coding exon compared to variant 1. The resulting isoform (5) has a shorter and distinct C-terminus compared to isoform 1.