

## Product datasheet for **SC323730**

### **VSIG4 (NM\_007268) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	VSIG4 (NM_007268) Human Untagged Clone
Tag:	Tag Free
Symbol:	VSIG4
Synonyms:	CRlg; Z39IG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_007268.1  
 GTGATGGGGATCTTACTGGGCTGCTACTCCTGGGGCACCTAACAGTGGACACTTATGGC  
 CGTCCCATCTGGAAGTGCCAGAGAGTGTAAACAGGACCTTGAAAAGGGATGTGAATCTT  
 CCCTGCACCTATGACCCCTGCAAGGCTACACCAAGTCTTGGTGAAGTGGCTGGTACAA  
 CGTGGCTCAGACCCTGTACCATCTTTCTACGTGACTCTTCTGGAGACCATATCCAGCAG  
 GCAAAGTACCAGGGCCGCTGCATGTGAGCCACAAGGTTCCAGGAGATGTATCCCTCAA  
 TTGAGCACCTGGAGATGGATGACCCGGAGCCACTACACGTGTGAAGTACCTGGCAGACT  
 CCTGATGGCAACCAAGTCGTGAGAGATAAGATTACTGAGCTCCGTGTCCAGAACTCTCT  
 GTCTCCAAGCCCACAGTGACAACCTGGCAGCGGTTATGGCTTACCGTGCCCCAGGGAATG  
 AGGATTAGCCTTCAATGCCAGGCTCGGGGTTCTCTCCCATCAGTTATATTTGGTATAAG  
 CAACAGACTAATAACCAGGAACCCATCAAAGTAGCAACCTAAGTACCTTACTCTTCAAG  
 CCTGCGGTGATAGCCGACTCAGGCTCCTATTTCTGCACTGCCAAGGGCCAGGTTGGCTCT  
 GAGCAGCACAGCGACATTGTGAAGTTTGTGGTCAAAGACTCCTCAAAGCTACTCAAGACC  
 AAGACTGAGGCACCTACAACCATGACATACCCCTTGAAAGCAACATCTACAGTGAAGCAG  
 TCCTGGGACTGGACCACTGACATGGATGGCTACCTTGGAGAGACCAGTGTGGGCCAGGA  
 AAGAGCCTGCCTGTCTTGGCCATCATCCTCATCTCCTTGTGCTGTATGGTGGTTTTT  
 ACCATGGCCTATATCATGCTCTGTGCGGAAGACATCCCAACAAGAGCATGTCTACGAAGCA  
 GCCAGGGCACATGCCAGAGAGGCCAACGACTCTGGAGAAACCATGAGGGTGGCCATCTTC  
 GCAAGTGGCTGTCCAGTGATGAGCCAACCTCCAGAATCTGGGCAACAACACTACTCTGAT  
 GAGCCCTGCATAGGACAGGAGTACCAGATCATCGCCAGATCAATGGCAACTACGCCCCG  
 CTGCTGGACACAGTTCCTCTGGATTATGAGTTTCTGGCCACTGAGGGCAAAGTGTCTGT  
 TAAAAATGCCCCATTAGGCCAGGATCTGCTGACATAATTGCCTAGTCAGTCTTGCCTTC  
 TGCATGGCCTTCTCCCTGCTACCTCTTCTCTGGATAGCCCAAAGTGTCCGCTACCAA  
 CACTGGAGCCGCTGGGAGTCACTGGCTTTGCCCTGGAATTTGCCAGATGCATCTCAAGTA  
 AGCCAGCTGCTGGATTTGGCTCTGGGCCCTTCTAGTATCTCTGCCGGGGCTTCTGGTAC  
 TCCTCTCTAAATACCAGAGGGAAGATGCCCATAGCACTAGGACTTGGTCAATCATGCCTAC  
 AGACACTATTCAACTTTGGCATCTTGCCACCAGAAGACCCGAGGGAGGCTCAGCTCTGCC  
 AGCTCAGAGGACCAGCTATATCCAGGATCATTCTCTTTCTTTCAGGGCCAGACAGTTTTT  
 AATTGAAATTGTTATTTACAGGCCAGGGTTCAGTTCTGCTCCTCCACTATAAGTCTAAT  
 GTTCTGACTCTCCTGGTGCTCAATAAATATCTAATCATACCAGCAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAA

**Restriction Sites:** ECoRI-NOT

**ACCN:** NM\_007268

**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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_007268.1</a> , <a href="#">NP_009199.1</a>
<b>RefSeq Size:</b>	1787 bp
<b>RefSeq ORF:</b>	1200 bp
<b>Locus ID:</b>	11326
<b>UniProt ID:</b>	<a href="#">Q9Y279</a>
<b>Cytogenetics:</b>	Xq12
<b>Domains:</b>	ig, IGv, IGc2, IG
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) is also called CRlg(L). It encodes the longest isoform (1).</p>