

Product datasheet for **SC328360**

VSIG4 (NM_001184831) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VSIG4 (NM_001184831) Human Untagged Clone
Tag:	Tag Free
Symbol:	VSIG4
Synonyms:	CRlg; Z39IG
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001184831, the custom clone sequence may differ by one or more nucleotides ATGGGGATCTTACTGGGCCTGCTACTCCTGGGGCACCTAACAGTGGACACTTATGGCCGT CCCATCCTGGAAGTGCCAGAGAGTGTAACAGGACCTTGGAAAGGGGATGTGAATCTTCCC TGACCTATGACCCCTGCAAGGCTACACCCAAGTCTTGGTGAAGTGGCTGGTACAACGT GGCTCAGACCCTGTACCATCTTTCTACGTGACTCTTCTGGAGACCATATCCAGCAGGCA AAGTACCAGGGCCGCTGCATGTGAGCCACAAGTTCCAGGAGATGTATCCCTCCAATTG AGCACCTGGAGATGGATGACCGGAGCCACTACACGTGTGAAGTCACCTGGCAGACTCCT GATGGCAACCAAGTCGTGAGAGATAAGATTACTGAGCTCCGTGTCCAGAAACACTCCTCA AAGCTACTCAAGACCAAGACTGAGGCACCTACAACCATGACATACCCCTTGAAAGCAACA TCTACAGTGAAGCAGTCTGGGACTGGACCACTGACATGGATGGCTACCTTGGAGAGACC AGTGCTGGGCCAGGAAAGAGCCTGCCTGTCTTTGCCATCATCCTCATCATCTCCTTGTGC TGTATGGTGGTTTTTACCATGGCCTATATCATGCTCTGTGCGAAGACATCCCAACAAGAG CATGTCTACGAAGCAGCCAGGTAA
Restriction Sites:	Please inquire
ACCN:	NM_001184831
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.



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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:	<ol style="list-style-type: none">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:	<u>NM_001184831.1, NP_001171760.1</u>
RefSeq Size:	1927 bp
RefSeq ORF:	684 bp
Locus ID:	11326
UniProt ID:	<u>Q9Y279</u>
Cytogenetics:	Xq12
Protein Families:	Transmembrane
Gene Summary:	<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 (3) has multiple differences, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.</p>