

Product datasheet for SC115627

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115627 sequence for NM_007268 edited (data generated by NextGen Sequencing)

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ATGGGGATCCTTACTGGGCCTGCTACTCCTGGGGCACCTAACAGTGGACACTTATGGCCGT
CCCATCCTGGAAGTGCCAGAGAGTGTAACAGGACCTTGGAAAGGGGATGTGAATCTTCCC
TGACCTATGACCCCTGCAAGGCTACACCCAAGTCTTGGTGAAGTGGCTGGTACACGT
GGCTCAGACCCTGTACCATCTTTCTACGTGACTCTTCTGGAGACCATATCCAGCAGGCA
AAGTACCAGGGCCGCTGCATGTGAGCCACAAGTTCCAGGAGATGTATCCCTCCAATTG
AGCACCTGGAGATGGATGACCGGAGCCACTACACGTGTGAAGTCACCTGGCAGACTCCT
GATGGCAACCAAGTCGTGAGAGATAAGATTACTGAGCTCCGTGTCCAGAACTCTCTGTC
TCCAAGCCACAGTGACAACCTGGCAGCGGTTATGGCTTACGGTGCCCCAGGGAATGAGG
ATTAGCCTTCAATGCCAGGCTCGGGGTTCTCCTCCCATCAGTTATATTTGGTATAAGCAA
CAGACTAATAACCAGGAACCCATCAAAGTAGCAACCCTAAGTACCTTACTCTTCAAGCCT
GCGGTGATAGCCGACTCAGGCTCCTATTTCTGCACTGCCAAGGGCCAGGTTGGCTCTGAG
CAGCACAGCGACATTGTGAAGTTTGTGGTCAAAGACTCCTCAAAGCTACTCAAGACCAAG
ACTGAGGCACCTACAACCATGACATACCCTTGAAAGCAACATCTACAGTGAAGCAGTCC
TGGGACTGGACCACTGACATGGATGGCTACCTGGAGAGACCAGTGTGGGCCAGGAAAG
AGCCTGCCTGTCTTTGCCATCATCCTCATCATCTCCTTGTGCTGTATGGTGGTTTTTACC
ATGGCCTATATCATGCTCTGTGCGAAGACATCCCAACAAGAGCATGTCTACGAAGCAGCC
AGGGCACATGCCAGAGAGGCCAACGACTCTGGAGAAACCATGAGGGTGGCCATCTTCGCA
AGTGGCTGCTCCAGTGATGAGCCAACCTCCAGAATCTGGGCAACAACTACTCTGATGAG
CCCTGCATAGGACAGGAGTACCAGATCATCGCCAGATCAATGGCAACTACGCCCGCCTG
CTGGACACAGTTCCTCTGGATTATGAGTTTCTGGCCACTGAGGGCAAAAGTGTCTGTAA

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Clone variation with respect to NM_007268.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_007268 unedited NNGGTTCAGATTTGTATACGACTCATATAGGCGGCCGGAATTCGGCACCAGCAGACGCT GGCGGCCACCAGAAGTTTGAGCCTCTTTGGTAGCAGGAGGCTGGAAGAAAGGACAGAAGT AGCTCTGGCTGTGATGGGGATCTTACTGGGCCTGCTACTCTGGGGCACCTAACAGTGGA CACTTATGGCCGTCCCATCCTGGAAGTGCCAGAGAGTGTAAACAGGACCTTGGAAAGGGGA TGTGAATCTTCCCTGCACCTATGACCCCTGCAAGGCTACACCCAAGTCTTGGTGAAGTG GCTGGTACAACGTGGCTCAGACCCTGTCAACCTCTTCTACGTGACTCTTCTGGAGACCA TATCCAGCAGGCAAAGTACCAGGCGCCTGCATGTGAGCCACAAGGTTCCAGGAGATGT ATCCCTCCAATTGAGCACCTGGAGATGGATGACCGGAGCCACTACACGTGTGAAGTCAC CTGGCAGACTCCTGATGGCAACCAAGTCGTGAGAGATAAGATTACTGAGCTCCGTGTCCA GAAACTCTGTCTCCAAGCCCACAGTGACAACCTGGCAGCGGTTATGGCTTACGGTGCC CCAGGGAATGAGGATTAGCCTTCAATGCCAGGCTCGGGGTTCTCCTCCCATCAGTTATAT TTGGTATAAGCAACAGACTAATAACCAGGAACCCATCAAAGTAGCAACCCTAAGTACCTT ACTCTTCAAGCCTGCGGTGATAGCCGACTCANGCTCCTATTTCTGCACTGCCAAGGGCCA GGTTGGCTCTGAGCAGCAGCGACATTGTGAAAAGTTGGTCAAAGACTCCTCAAAGC TACTCAAGACCAAGAAGTACGACCTACNACCATGACATACCCCTTTGAAGCACATCTAC AGTGAAGCAGTCCCTGGACTGGACCACTGACATGGATGGCTACCTTGAGAGACACTGCT
Restriction Sites:	ECoRI-NOT
ACCN:	NM_007268
Insert Size:	2000 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:	<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_007268.1</u> , <u>NP_009199.1</u>
RefSeq Size:	1787 bp
RefSeq ORF:	1200 bp
Locus ID:	11326
UniProt ID:	<u>Q9Y279</u>
Cytogenetics:	Xq12
Domains:	ig, IGv, IGc2, IG
Protein Families:	Transmembrane

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 (1) is also called CRlg(L). It encodes the longest isoform (1).