

Product datasheet for SC316719

VSIG4 (NM_001100431) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VSIG4 (NM_001100431) Human Untagged Clone
Tag:	Tag Free
Symbol:	VSIG4
Synonyms:	CRIG; Z39IG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316719 representing NM_001100431. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGATCTTACTGGGCTGCTACTCCTGGGACCTAACAGTGGACACTTATGGCCGTCCCATCCTG
GAAGTGCCAGAGAGTGTAAACAGGACCTTGGAAAGGGGATGTGAATCTTCCCTGCACCTATGACCCCTG
CAAGGCTACACCAAGTCTTGGTGAAGTGGCTGTTACAACGTGGCTCAGACCCTGTACCATCTTTCTA
CGTGACTCTTCTGGAGACCATATCCAGCAGGCAAAGTACCAGGGCCGCTGCATGTGAGCCACAAGGTT
CCAGGAGATGTATCCCTCCAATTGAGCACCTGGAGATGGATGACCGGAGCCACTACACGTGTGAAGTC
ACCTGGCAGACTCCTGATGGCAACCAAGTCGTGAGAGATAAGATTACTGAGCTCCGTGTCCAGAAACAC
TCCTCAAAGCTACTCAAGACCAAGACTGAGGCACCTACAACCATGACATACCCCTTGAAAGCAACATCT
ACAGTGAAGCAGTCTGGGACTGGACACTGACATGGATGGCTACCTTGAGAGACCAGTGTGGGCCA
GGAAAGAGCCTGCCTGTCTTTGCCATCATCCTCATCATCTCCTTGTGCTGTATGGTGGTTTTTACCATG
GCCTATATCATGCTCTGTGCGAAGACATCCCAACAAGAGCATGTCTACGAAGCAGCCAGGGCACATGCC
AGAGAGGCCAACGACTCTGGAGAAACATGAGGGTGGCCATCTTCGCAAGTGGCTGCTCCAGTGTGAG
CCAATCCCAGAATCTGGGCAACAACACTCTGATGAGCCCTGCATAGGACAGGAGTACCAGATCATC
GCCAGATCAATGGCAACTACGCCCGCTGCTGGACACAGTTCCTCTGGATTATGAGTTTCTGGCCACT
GAGGGCAAAGTGTCTGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001100431
Insert Size:	918 bp



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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).
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_001100431.1</u>
RefSeq Size:	1586 bp
RefSeq ORF:	918 bp
Locus ID:	11326
UniProt ID:	<u>Q9Y279</u>
Cytogenetics:	Xq12
Protein Families:	Transmembrane
MW:	33.9 kDa
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 (2), also known as CRlg(S), lacks an alternate in-frame segment compared to variant 1, resulting in a shorter isoform (2), compared to isoform 1.</p>