

Product datasheet for SC328528

VSIG4 (NM_001184830) Human Untagged Clone

Product data:

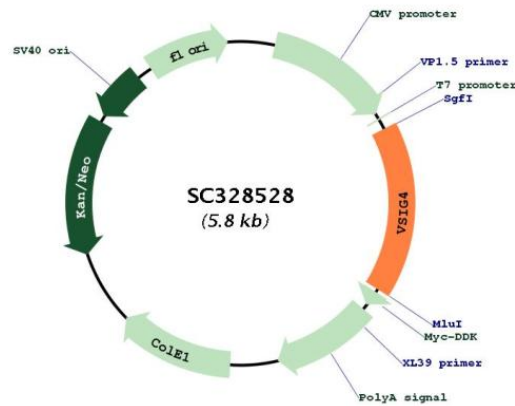
Product Type:	Expression Plasmids
Product Name:	VSIG4 (NM_001184830) Human Untagged Clone
Tag:	Tag Free
Symbol:	VSIG4
Synonyms:	CRlg; Z39IG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328528 representing NM_001184830. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGCTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGGGATCTTACTGGGCTGCTACTCCTGGGACCTAACAGTGGACACTTATGGCCGTCCCATCCTG
GAAGTGCCAGAGAGTGTAACAGGACCTTGGAAAGGGGATGTGAATCTTCCCTGCACCTATGACCCCTG
CAAGGCTACACCAAGTCTTGGTGAAGTGGCTGGTACAACGTGGCTCAGACCCTGTCACCATCTTTCTA
CGTGACTCTTCTGGAGACCATA TCCAGCAGGCAAAGTACCAGGGCCGCTGCATGTGAGCCACAAGGTT
CCAGGAGATGTATCCCTCCAATTGAGCACCTGGAGATGGATGACCGGAGCCACTACACGTGTGAAGTC
ACCTGGCAGACTCCTGATGGCAACCAAGTCGTGAGAGATAAGATTACTGAGCTCCGTGTCCAGAACTC
TCTGTCTCCAAGCCACAGTGACAACTGGCAGCGTTATGGCTTACGGTGCCCCAGGGAATGAGGATT
AGCCTTCAATGCCAGGCTCGGGTTCTCCTCCCATCAGTTATATTTGGTATAAGCAACAGACTAATAAC
CAGGAACCCATCAAAGTAGCAACCCTAAGTACCTTACTCTTCAAGCCTGCGGTGATAGCCGACTCAGGC
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ACATCTACAGTGAAGCAGTCTGGGACTGGACCACTGACATGGATGGCTACCTTGGAGAGACCAGTGCT
GGGCCAGGAAAGGCCTGCCTGTCTTGGCCATCATCCTCATCATCTCCTTGTGCTGTATGGTGGTTTTT
ACCATGGCCTATATCATGCTCTGTGCGAAGACATCCCAACAAGAGCATGTCTACGAAGCAGCCAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001184830

Insert Size: 966 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).

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:

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_001184830.1](#)

RefSeq Size: 2209 bp

RefSeq ORF: 966 bp

Locus ID: 11326

UniProt ID: [Q9Y279](#)

Cytogenetics: Xq12

Protein Families: Transmembrane

MW: 35.5 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 (4) differs in the 3' UTR and 3' coding region, compared to variant 1. The encoded isoform (4) has a shorter C-terminus, compared to isoform 4.