

## Product datasheet for **SC125817**

### VSIG1 (NM\_182607) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** VSIG1 (NM\_182607) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** VSIG1  
**Synonyms:** 1700062D20Rik; dj889N15.1; GPA34  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_182607 edited  
GGCGATGCCAGCAGATAAGCCAGGCAAACCTCGGTGTGATCGAAGAAGCCAATTTGAGA  
CTCAGCCTAGTCCAGGCAAGCTACTGGCACCTGCTGCTCTCAACTAACCTCCACACAATG  
GTGTTTCGCAATTTTGAAGGTCTTTCTGATCCTAAGCTGCCTTGCAAGTCAAGTTAGTGTG  
GTGCAAGTGACCATCCCAGACGGTTTCGTGAACGTGACTGTTGGATCTAATGTCACCTCTC  
ATCTGCATCTACACCACCACTGTGGCCTCCCGAGAACAGCTTTCCATCCAGTGGTCTTTT  
TTCCATAAGAAGGAGATGGAGCCAATTTCTATTTACTTTTCTCAAGTGGACAAGCTGTA  
GCCATCGGGCAATTTAAAGATCGAATTACAGGGTCCAACGATCCAGGTAATGCATCTATC  
ACTATCTCGCATATGCAGCCAGCAGACAGTGGAAATTTACATCTGCGATGTTAACAACCC  
CCAGACTTTCTCGGCCAAAACCAAGGCATCCTCAACGTCAAGTGTGTTAGTGAACCTTCT  
AAGCCCTTTGTAGCGTTCAAGGAAGACCAGAACTGGCCACACTATTTCCCTTTCTGT  
CTCTCTGCGCTTGGAACACCTTCCCTGTGTACTACTGGCATAAACTTGAGGGAAGAGAC  
ATCGTGCCAGTGAAAGAAAACCTCAACCAACCCGGGATTTTGGTCATTGAAAATCTG  
ACAAAATTTGAACAAGGTTATTACCAGTGTACTGCCATCAACAGACTTGGAATAGTTCC  
TGCGAAATCGATCTCACTTCTTCCATCCAGAAGTTGGAATCATTGTTGGGGCCTTGATT  
GGTAGCCTGGTAGGTGCCGCATCATCTCTGTTGTGTGCTTCGCAAGGAATAAGGCA  
AAAGCAAAGGCAAAGAAAAGAAATTTCTAAGACCATCGCGGAACCTTGAGCCAATGACAAAG  
ATAAACCCAAGGGGAGAAAGCGAAGCAATGCCAAGAGAAGACGCTACCCAAGTAGAAGTA  
ACTCTACCATCTTCCATTCATGAGACTGGCCCTGATACCATCCAAGAACCAGACTATGAG  
CCAAAGCCTACTCAGGAGCTGCCCCAGAGCCTGCCCCAGGATCAGAGCCTATGGCAGTG  
CCTGACCTTGACATCGAGCTGGAGCTGGAGCCAGAAACGAGTCCGGAATTTGGAGCCAGAG  
CCAGAGCCAGAGCCAGAGTCAAGCCTGGGGTTGTAGTTGAGCCCTTAAGTGAAGATGAA  
AAGGGAGTGGTTAAGGCATAGGCTGGTGGCCTAAGTACAGCATTAACTAAGGAACCC  
ATTACTGCCATTTGGAATTCAAATAACCTAACCAACCTCCACCTCCTCCTTCCATTTTGA  
CCAACCTTCTTCTAACAAGGTGCTATTCTACTATGAATCCAGAATAAACACGCCAAGA  
TAACAGCTAAATCAGCAAGGGTTCTGTATTACCAATATAGAATACTAACAATTTTACTA  
ACACGTAAGCATAACAAATGACAGGGCAAGTATTCTAACTTAGTTGAGTTTTGCAACA



[View online >](#)

```

GTACCTGTGTTGTTATTTTCAGAAAATATTATTTCTCTCTTTTTAACTACTCTTTTTTTTT
ATTTTGGACAGAGTCTTGCTCCGTCGCGCAGGCTGTGATCGTAGTGGTGCATCTCGGCT
CACTGCGGCTCCGCTCCCTGGGTTTCGGGCGATTCTCCTGCTGGGCCTCCTGAGTGGCT
GGGACTGCAGGCACGTGCCGCCACGCCCGGCTAATTTTTTGATTTTTGGTAGAGATGGG
GTTTCACGTTGTTGGCCAGGATGGTCTCCATCTCCTGACCTCATGATCCGCCACCTTGG
CCTCCAAAAATGCTGGGATTACAGGCATGAGCCACTGCGCCCGCCTCTTTTTAGCTACT
CTTATGTTCCACATGCACATATGACAAGGTGGCATTAAATTAGATTCAATATTATTTCTAG
GAATAGTTCCTCATTCTTTTTATATTGACCACTAAGAAAAATAATTCATCAGCATTATCT
CATAGATTGAAAAATTTTCTCCAATACAATAGAGGAGAATATGTAAGGGTATACATTA
ATTGGTACGTAGCATTTAAAAATCAGGTCTTATAATTAATGCTTCATTCTCATATTAGAT
TTCCCAAGAAATCACCCTGGTATCCAATATCTGAGCATGGCAAATTTAAAAATAACACA
ATTTCTTGCTGTGACCTAGCACTTTGGGAGGCCGAGGCAGGTGGATCACCTGAGGTCA
GGGTTTCGAGACCAGCCTGGCCGACATGGCGAAGCCCTTCTCTGCTAGGAATGCAGAAA
TTGGCTGGGCGTGGTGGTGCATGCCTGTAGTCCCGGCTACTTGGGAGGCTGAGGCAGGAG
AGTCGCTTGAACCCAGGGGGTGGAGGTTGCAGTGAGCCGAGATTGTGCCACTGCACTCCA
ACCTGGGTGACGGAGTGAGATTCATCTGAAAAACAAAAACAAAAACAGAAAAACAAACA
ACAAAAACAAAAATCCCCACAACCTTTGTCAAATAATGTACAGGCAAACACTTTCAAAT
ATAATTTCTTCACTGAATACAAAATGTTGATATCATAGGTGATGACAATTTAGTTTTG
AATGAGTTATTATGTTATCACTGTGTCTGATGTTATCTACTTTGAAAGGCAGTCCAGAAA
AGTGTCTAAGTGAACCTTAAGATCTATTTTAGATAATTTCAACTAATTAATAACCTG
TTTTACTGCCTGTACATTCACATTAATAAAGCGATACCAATCTTATATGAATGCTAATA
TTACTAAAATGCACTGATATCACTTCTTCTTCCACTGTTGAAAAGCTTTCTCATGATCAT
ATTTACCCACATCTCACCTTGAAGAACTTACAGGTAGACTTACCTTTTCACTTGTGGA
ATTAATCATATTTAAATCTTACTTTAAGGCTCAATAAATAATACTCATAAATGTCCAAAA
AAAAAAAAAAAA
    
```

**5' Read Nucleotide Sequence:**

```

>OriGene 5' read for NM_182607 unedited
GAGGTTTCGGGATTTTGTAAATACGACTCATATAGGCGGCCGCATAACTTCGTATAGCATA
ATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGGGC
GATGCCAGCAGATAAGCCAGGCAACCTCGGTGTGATCGAAGAAGCCAATTTGAGACTC
AGCCTAGTCCAGCAAGCTACTGGCACCTGCTGCTCTCAACTAACCTCCACACAATGGTG
TTCGCATTTTGAAGGTCTTTCTGATCCTAAGCTGCCTTGCAAGTCAGGTTAGTGTGGTG
CAAGTGACCATCCCAGACGGTTTTCTGTAACGTGACTGTTGGATCTAATGTCACCTCTCATC
TGCATCTACACCACCACTGTGGCCTCCCGAGAACAGCTTTCCATCCAGTGGTCTTTCTTC
CATAAGAAGGAGATGGAGCCAATTTCTATTTACTTTTCTCAAGGTGGACAAGCTGTAGCC
ATCGGGCAATTTAAAGATCGAATTACAGGGTCCAACGATCCAGGTAATGCATCTATCACT
ATCTCGCATATGCAGCCAGCAGACAGTGAATTTACATCTGCGATGTTAAACAACCCCA
GACTTTCTCGGCCAAAACCAAGGCATCCTCAACGTCAGTGTGTTAGTGAAACCTTCTAAG
CCCTTTGTAGCGTTCAAGGAAGACCAGAACTGGCCACACTATTTCCCTTTCCTGTCTC
TCTGCGCTTGAACACCTTCCCCTGTGTACTACTGGCATAAACTTGAGGGAAAGAGACTCG
TGCCAGTGAAGAAAACCTCACCCACCACCGGATTTTGGTCATTGAAAATCTGACAAT
TTTGAACAGGTTATTACAGTGTACTGCCATCACAACTTGGCGATAGTTCGGGAAAAAT
CATCTCATTCTCAATCCAGG
    
```

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_182607

**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).

<b>Components:</b>	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_182607.3</a> , <a href="#">NP_872413.1</a>
<b>RefSeq Size:</b>	3145 bp
<b>RefSeq ORF:</b>	1164 bp
<b>Locus ID:</b>	340547
<b>UniProt ID:</b>	<a href="#">Q86XK7</a>
<b>Cytogenetics:</b>	Xq22.3
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a member of the junctional adhesion molecule (JAM) family. The encoded protein contains multiple glycosylation sites at the N-terminal region, and multiple phosphorylation sites and glutamic acid/proline (EP) repeats at the C-terminal region. The gene is expressed in normal stomach and testis, as well as in gastric, esophageal and ovarian cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]</p> <p>Transcript Variant: This variant (2) lacks an in-frame coding exon, as compared to variant 1. The resulting isoform (2) lacks an internal segment, as compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>