

Product datasheet for **RC207391**

VSIG1 (NM_182607) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VSIG1 (NM_182607) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	VSIG1
Synonyms:	1700062D20Rik; dj889N15.1; GPA34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC207391 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTTTCGATTTTGAAGGTCTTTCTGATCCTAAGCTGCCTTGCAGGTCAAGTTAGTGTGGTCAAG
TGACCATCCAGACGGTTTCGTGAACGTGACTGTTGGATCTAATGTCACCTCTCATCTGCATCTACACCAC
CACTGTGGCTCCCGAGAACAGCTTTCCATCCAGTGGTCTTTCTCCATAAGAAGGAGATGGAGCCAATT
TCTATTTACTTTTCTCAAGGTGGACAAGCTGTAGCCATCGGGCAATTTAAAGATCGAATTACAGGGTCCA
ACGATCCAGGTAATGCATCTATCACTATCTCGCATATGCAGCCAGCAGACAGTGGAAATTTACATCTGCGA
TGTTAAACAACCCCGAGCTTTCTCGGCCAAAACCAAGGCATCCTCAACGTCAGTGTGTTAGTGAACCT
TCTAAGCCCTTTGTAGCGTTCAAGGAAGACCAGAAAAGTGGCCACACTATTTCCCTTTCTGTCTCTCTG
CGTTGGAACACCTTCCCTGTGTACTACTGGCATAAACTTGAGGGAAGAGACATCGTGCCAGTGAAGA
AACTTCAACCCAACACCGGATTTTGGTCATTGGAAATCTGACAAATTTGAACAAGGTTATTACCAG
TGTAAGTCCATCAACAGACTTGGCAATAGTTCCTGCGAAATCGATCTCACTTCTTACATCCAGAAGTTG
GAATCATTGTTGGGGCTTGATTGGTAGCCTGGTAGGTGCCGCATCATCTCTGTTGTGTGCTTCGC
AAGGAATAAGGCAAAAGCAAAGGCAAAAGAAAGAAATTTAAGACCATCGCGAACTTGAGCCAATGACA
AAGATAAACCCAAAGGGGAGAAAGCAAGCAATGCCAAGAGAAGACGCTACCCAAGTAAGTAACCTAC
CATCTTCCATTTCATGAGACTGGCCCTGATACCATCCAAGAACCAGACTATGAGCCAAAGCCTACTCAGGA
GCCTGCCCCAGAGCCTGCCCCAGGATCAGAGCCTATGGCAGTGCCTGACCTTGACATCGAGCTGGAGCTG
GAGCCAGAAACGAGTCCGAATTGGAGCCAGAGCCAGAGCCAGAGCCAGAGTCCAGAGCCTGGGGTTGTAG
TTGAGCCCTTAAGTGAAGATGAAAAGGGAGTGTTAAGGCA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_182607.5](#)

RefSeq Size: 3145 bp

RefSeq ORF: 1164 bp

Locus ID: 340547

UniProt ID: [Q86XK7](#)

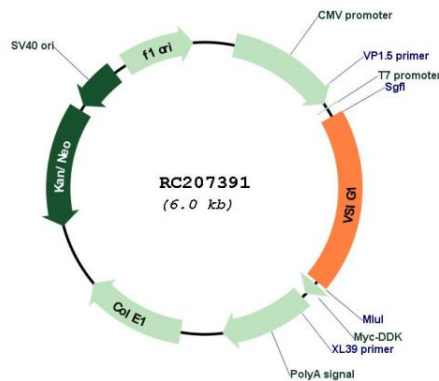
Cytogenetics: Xq22.3

Protein Families: Transmembrane

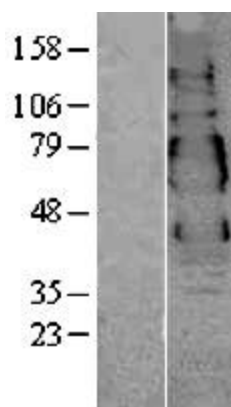
MW: 41.8 kDa

Gene Summary: 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]

Product images:



Circular map for RC207391



Western blot validation of overexpression lysate (Cat# [LY403639]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207391 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).