

Specifications:

Gene:	mVsig2
Accession:	NP_065264
Insert size:	1000bp
Concentration:	10µg at 0.2µg/µL

mVSIG2 cDNA Plasmid

Vsig2 V-set and immunoglobulin domain containing 2 [*Mus musculus* (house mouse)]

Also known as: CTX; Ctm;
AU040484

Summary:

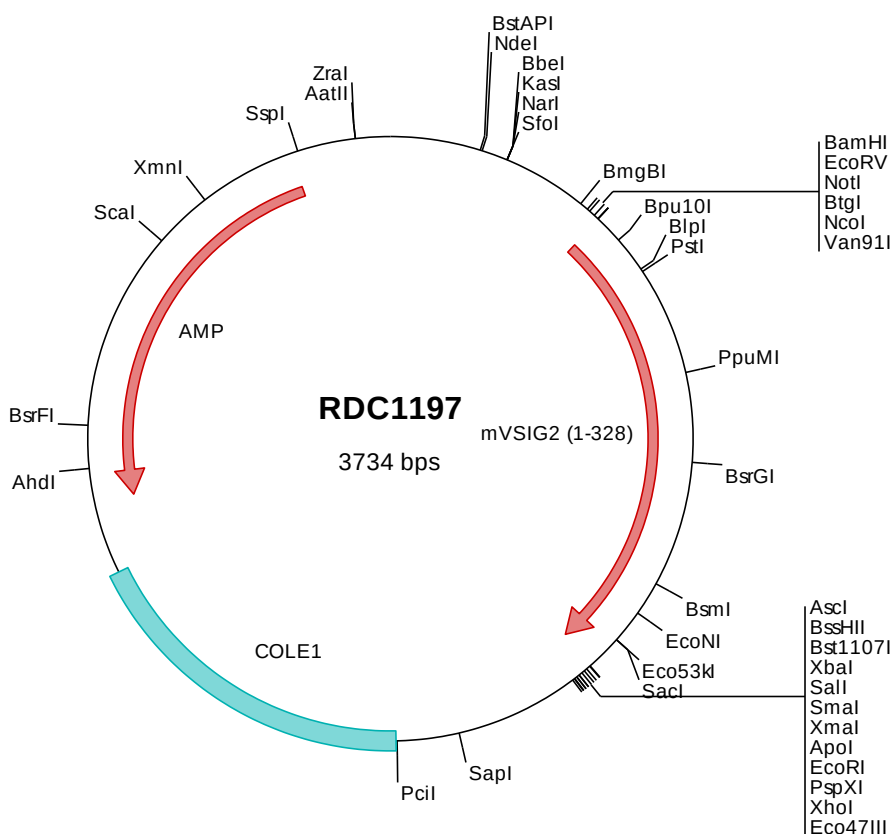
VSIG2 is a member of the CTX family of Ig Superfamily proteins. It is a type I transmembrane glycoprotein that contains multiple N-glycosylation sites in the extracellular region and phosphorylation sites in the cytoplasmic tail. It is expressed in normal stomach and testis, as well as in gastric, esophageal and ovarian cancers. VSIG2 likely participates in cell adhesion. Alternatively spliced transcripts encoding different proteins have been described.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.





> RDC1197 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtctg caaggcgatt aagtgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tgcgtagcgc ggccgcacac atggcctggc ccctgggtgg ggctttcctt tgcgggcact tgcgtggcct
501  cgtgtgcctg agcgggctag ctgtggaggt gactgtgccc actgagccac tgagcgtgcc aaagggttaag acggccgagc tgagctgcag ttacaaaaca
601  tccgtgggag acaactttgc cttggagtgg agctttgtgc agcctgggaa gcccatctct gcgtccgtgc cegtctgtta cttaccaat gccacactgt
701  atcccaactg ctctaaagca gatcgggcca tctcttccca cgatccaccc acaggaggac tggctaccct gaaactgact gacctccgcc cttcagacac
801  tgggacctac ctctgcaatg ttaacaaccc accagatttc tacaccaacg ggttgggggtt aatcaacctt actgtgctgg tgccccccag tcacctta
901  tgcagccaga gtgggcaaac ctctgtggga ggttctgtct cactgggatg ccgtctctct gagggagcac ccaagccagt gtacaactgg gaacgtctcg
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1401 gaccaccact aagtccaaac tctctatggt tgtctaaagg cgcgccagta tactctagag tcgacacccg gggaattcct cgagcgctcg tctctagctt
1501  ggcgtaatac tggtcatagc tgtttcctgt gtgaaattgt tatccgctca caattccaca caacatacga gccggaagca taaagtgtaa agcctgggggt
1601  gcctaataag tgagcttaact cacattaatt gcgttgcgct cactgcccgc tttccagtcg ggaaacctgt cgtgccagct gcattaatga atcggccaac
1701  gcgcggggag aggcgggttg cgtattgggc gctcttcgcg ttcctcgctc actgactcgc tgcgctcggt cgttcggctg cgccgagcgg tatcagctca
1801  ctcaaaggcg gtaatacggg tatccacaga atcaggggat aacgcaggaa agaacatgtg agcaaaaggc cagcaaaagg ccaggaaccg taaaaaggcc
1901  gcgttgctgg cgtttttcca taggctccgc ccccttgacg agcatcacaa aaatcgacgc tcaagtcaga ggtggcgaaa cccgacagga ctataaagat
2001  accagcggtt tccccctgga agctccctcg tgcgtctccc tgttccgacc ctgccgctta cgggatacct gtccgccttt ctccctcgg gaagcgtggc
2101  gctttctcaa tgcctacgct gtaggatctc cagttcggtg tagtgcttcc gctccaaact gggctgtgtg cagcaacccc ccgttcagcc cgaccgctgc
2201  gccttatccg gtaactatcg tcttgagtc aaccggtaa gacacgactt atcgccactg gcagcagcca ctggtaacag gattagcaga gcgaggtatg
2301  taggcgggtg tacagagttc ttgaagtgtt ggcctaacta cggctacact agaaggacag tatttggtat ctgcgctctg ctgaagccag ttaccttcgg
2401  aaaaagagtt ggtagctctt gatccggcaa acaaacacc cgtggtagcg gtggtttttt tgtttgcaag cagcagatta cgcgcagaaa aaaaggatct
2501  caagaagatc ctttgatctt ttctacgggg tctgacgctc agtgaacga aaactcacgt taagggattt tggtcatgag attatcaaaa aggatcttca
2601  cctagatcct tttaaattaa aaatgaagtt ttaaatcaat ctaaaagata tatgagtaaa cttggtctga cagttacca tgcttaatca gtgaggcacc
2701  tatctcagcg atctgtctat ttctgttcac catagttgcc tgaactcccc tcgtgtagat aactacgata cgggagggct taccatctgg cccagtgct
2801  gcaatgatac cgcgagaccc acgctcaccg gctccagatt tatcagcaat aaaccagcca gccggaaggg ccgagcgcag aagtggctct gcaactttat
2901  ccgctcccat ccagtctatt aattgttgcc gggaagctag agtaagtagt tcgccagtta atagtttgcg caacgttggt gccattgcta caggcatcgt
3001  ggtgtcacgc tgcgtggttg gtatggcttc attcagctcc ggttcccaac gatcaaggcg agttacatga tcccccatgt tgtgcaaaaa agcgggttagc
3101  tccttcggtc ctccgatcgt tgtcagaagt aagtggccg cagtgttatc actcatggtt atggcagcac tgcataattc tcttactgtc atgccatccg
3201  taagatgctt ttctgtgact ggtgagtact caaccaagtc attctgagaa tagtgtatgc ggcgaccgag ttgctcttgc ccggcgtaaa tacgggataa
3301  tacccgcccc catagcagaa ctttaaaagt gctcatcatt ggaaaacggt cttcggggcg aaaactotca aggatottac cgctgttgag atccagttcg
3401  atgtaaccca ctcgtgcacc caactgatct tcagatctt ttaactttac cagcgtttct ggggtgagcaa aaacaggaag gcaaaatgcc gcaaaaaagg gcaaaaaagg
3501  gaataagggc gacacggaaa tgttgaatac tcatactctt cctttttcaa tattattgaa gcatttatca ggggtattgt ctcatgagcg gatataatt
3601  tgaatgtatt tagaaaaata acaaaatagg ggttcgcgc acatttcccc gaaaagtgc acctgacgct taagaaacca ttattatcat gacattaacc
3701  tataaaaaata ggcgtatcac gaggcccttt cgtc
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> RDC1197 Translated Insert Sequence

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201  gqllltnlsl tssgtyrcva snmqgsasce lnlsvtdsse grvagtligv llgvlllsva aflirfqke rkkepkytyg gsdrlredata pgvfeqasmr
301  adhskellek spcastmttt ksklsmvv
```