*h*VSIG10 VersaClone cDNA

Catalog Number: RDC1312

Specifications:

Gene:	*h*VSIG10
Accession:	NP_061959
Insert size:	1636bp
Concentration:	10µg at 0.2µg/µL

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.

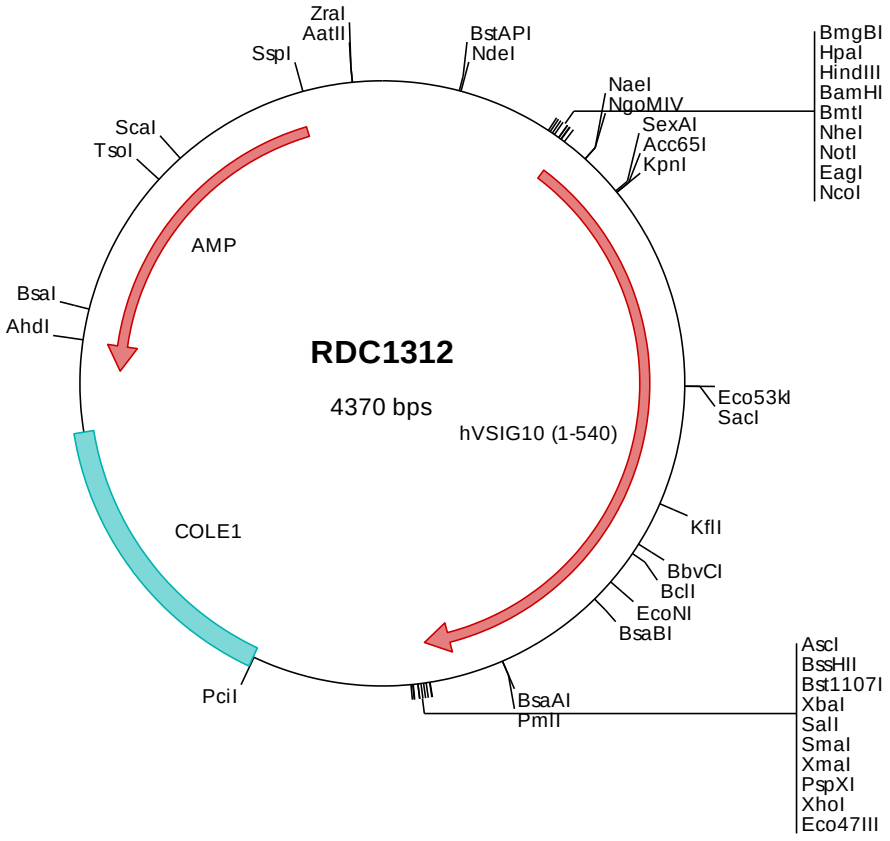
Preparation and Storage

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.

*h*VSIG10 cDNA Plasmid

VSIG10 V-set and immunoglobulin domain containing 10 [*Homo sapiens* (human)]

Summary:
VSIG10 is a v-set and immunoglobulin-domain containing protein that is structurally related to the B7 family of immune regulatory proteins.



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NOT FOR USE IN HUMANS

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> RDC1312 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggccgcag gcggcagtgc gcccgagccc cgcgtcctcg tctgcctcgg
 501  ggcgctcctg gccggctggg tcgccgtagg attggaggct gttgtcattg gagaagttca tgagaatgtt actctgcact gtggcaacat ctcgggactg
 601  aggggccagg tgacctggta ccggaacaac tcggagcctg tcttccttct ctcgtccaac tctagcctcc ggccagctga gcctcgcttc tctctagtgg
 701  atgccacctc cctgcacatt gaatcgctga gcctgggaga tgagggaatc tacacctgcc aggagatcct gaatgtgact cagtggttcc aagtgtggct
 801  gcaggtggcc agcggcccct atcagattga ggtccacatc gtggccaccg gcacactccc caacggcacc ctctacgcag ccaggggctc ccaggtggac
 901  ttcagctgca acagcagctc caggccacca cccgtggttg aatggtggtt ccaggccctg aattccagca gcgagtcctt tggccacaac ctgacagtca
1001  actttttctc actgttactg atatcgccaa acctccaagg gaactacacc tgtttagcct tgaatcagct cagcaagaga catcgaaagg tgaccaccga
1101  gctcctggtc tactatcccc ctccatcagc tccccagtgc tgggcacaga tggcatcagg atcgttcatg ttgcagctta cctgtcgctg ggatgggggа
1201  taccctgacc ctgacttcct gtggatagaa gagccaggag gtgtaatcgt ggggaagtca aagctggggg tggaaatgct gagcgagtcc cagctgtcgg
1301  atggcaagaa gttcaagtgt gttacaagcc acatagttgg gccagagtcg ggcgccagct gcatggtgca gatcaggggt ccctcccttc tctctgagcc
1401  catgaagact tgcttcactg ggggcaatgt gacgcttaca tgccaggtgt ctggggccta ccccctgcc aagatcctgt ggctgaggaa ccttacccag
1501  cccgaggtga tcatccagcc tagcagccgc catctcatta cccaggatgg ccagaactcc accctcacta tccacaactg ctcccaggac ctggatgagg
1601  gctactacat ctgccgagct gacagccctg taggggtgag ggagatggaa atctggctga gtgtgaaaga acctttaaat atcgggggga ttgtgggaac
1701  cattgtgagc ctccttctgc tgggactggc cattatctca gggcttctgt tgcattatag ccctgtgttc tgctggaaag taggaaacac ttccagggga
1801  caaaacatgg atgatgtcat ggttttggtg gattcagaag aggaagagga ggaggaggag gaggaggagg aagatgctgc agtaggggaa caggagggag
1901  cacgtgagag agaggagttg ccaaaagaaa tacctaagca ggaccacatt cacagagtga ccgccttggt gaatgggaac atagaacaga tgggaaatgg
2001  attccaggat cttcaagatg acagcagtga ggagcaaagt gacattgttc aagaagaaga caggccagtc taaaggcgcg ccagtatact ctagagtcga
2101  cacccgggga attcctcgag cgctcgtctc tagcttggcg taatcatggt catagctgtt tcctgtgtga aattgttatc cgctcacaat tccacacaac
2201  atacgagccg gaagcataaa gtgtaaagcc tggggtgcct aatgagtgag ctaactcaca ttaattgcgt tgcgctcact gcccgctttc cagtcgggaa
2301  acctgtcgtg ccagctgcat taatgaatcg gccaacgcgc ggggagaggc ggtttgcgta ttgggcgctc ttccgcttcc tcgctcactg actcgctgcg
2401  ctcggtcgtt cggctgcggc gagcggtatc agctcactca aaggcggtaa tacggttatc cacagaatca ggggataacg caggaaagaa catgtgagca
2501  aaaggccagc aaaaggccag gaaccgtaaa aaggccgcgt tgctggcgtt tttccatagg ctccgccccc ctgacgagca tcacaaaaat cgacgctcaa
2601  gtcagaggtg gcgaaacccg acaggactat aaagatacca ggcgtttccc cctggaagct ccctcgtgcg ctctcctgtt ccgaccctgc cgcttaccgg
2701  atacctgtcc gcctttctcc cttcgggaag cgtggcgctt tctcaatgct cacgctgtag gtatctcagt tcggtgtagg tcgttcgctc caagctgggc
2801  tgtgtgcacg aacccccccgt tcagcccgac cgctgcgcct tatccggtaa ctatcgtctt gagtccaacc cggtaagaca cgacttatcg ccactggcag
2901  cagccactgg taacaggatt agcagagcga ggtatgtagg cggtgctaca gagttcttga agtggtggcc taactacggc tacactagaa ggacagtatt
3001  tggtatctgc gctctgctga agccagttac cttcggaaaa agagttggta gctcttgatc cggcaaacaa accaccgctg gtagcggtgg ttttttttgtt
3101  tgcaagcagc agattacgcg cagaaaaaaa ggatctcaag aagatccttt gatcttttct acggggtctg acgctcagtg gaacgaaaac tcacgttaag
3201  ggattttggt catgagatta tcaaaaagga tcttcaccta gatccttttа aattaaaaat gaagttttaa atcaatctaa agtatatatg agtaaacttg
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3401  acgatacggg agggcttacc atctggcccc agtgctgcaa tgataccgcg agacccacgc tcaccggctc cagatttatc agcaataaac cagccagccg
3501  gaagggccga gcgcagaagt ggtcctgcaa ctttatccgc ctccatccag tctattaatt gttgccggga agctagagta agtagttcgc cagttaatag
3601  tttgcgcaac gttgttgcca ttgctacagg catcgtggtg tcacgctcgt cgtttggtat ggcttcattc agctccggtt cccaacgatc aaggcgagtt
3701  acatgatccc ccatgttgtg caaaaaagcg gttagctcct tcggtcctcc gatcgttgtc agaagtaagt tggccgcagt gttatcactc atggttatgg
3801  cagcactgca taattctctt actgtcatgc catccgtaag atgcttttct gtgactggtg agtactcaac caagtcattc tgagaatagt gtatgcggcg
3901  accgagttgc tcttgcccgg cgtcaatacg ggataatacc gcgccacata gcagaacttt aaaagtgctc atcattggaa aacgttcttc ggggcgaaaa
4001  ctctcaagga tcttaccgct gttgagatcc agttcgatgt aacccactcg tgcacccaac tgatcttcag catcttttac tttcaccagc gtttctgggt
4101  gagcaaaaac aggaaggcaa aatgccgcaa aaaagggaat aagggcgaca cggaaatgtt gaatactcat actcttcctt tttcaatatt attgaagcat
4201  ttatcagggt tattgtctca tgagcggata catatttgaa tgtatttaga aaaataaaca aatagggttt ccgcgcacat ttccccgaaa agtgccacct
4301  gacgtctaag aaaccattat tatcatgaca ttaacctata aaaataggcg tatcacgagg ccctttcgtc
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> RDC1312 Translated Insert Sequence

```
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 101  ytcqeilnvt qwfqvwlqva sgpyqievhi vatgtlpngt lyaargsqvd fscnsssrpp pvvewwfqal nsssesfghn ltvnffslll ispnlqgnyt
 201  clalnqlskr hrkvttellv yypppsapqc waqmasgsfm lqltcrwdgg ypdpdflwie epggvivgks klgvemlses qlsdgkkfkc vtshivgpes
 301  gascmvqirg psllsepmkt cftggnvtlt cqvsgayppa kilwlrnltq peviiqpssr hlitqdgqns tltihncsqd ldegyyicra dspvgvreme
 401  iwlsvkepln iggivgtivs llllglaiis glllhyspvf cwkvgntsrg qnmddvmvlv dseeeeeeee eeeedaavge qegarereel pkeipkqdhi
 501  hrvtalvngn ieqmgngfqd lqddsseeqs divqeedrpv
```