

Specifications:

Gene:	<i>hIGSF11</i>
Accession:	NP_001015887
Insert size:	1309bp
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.

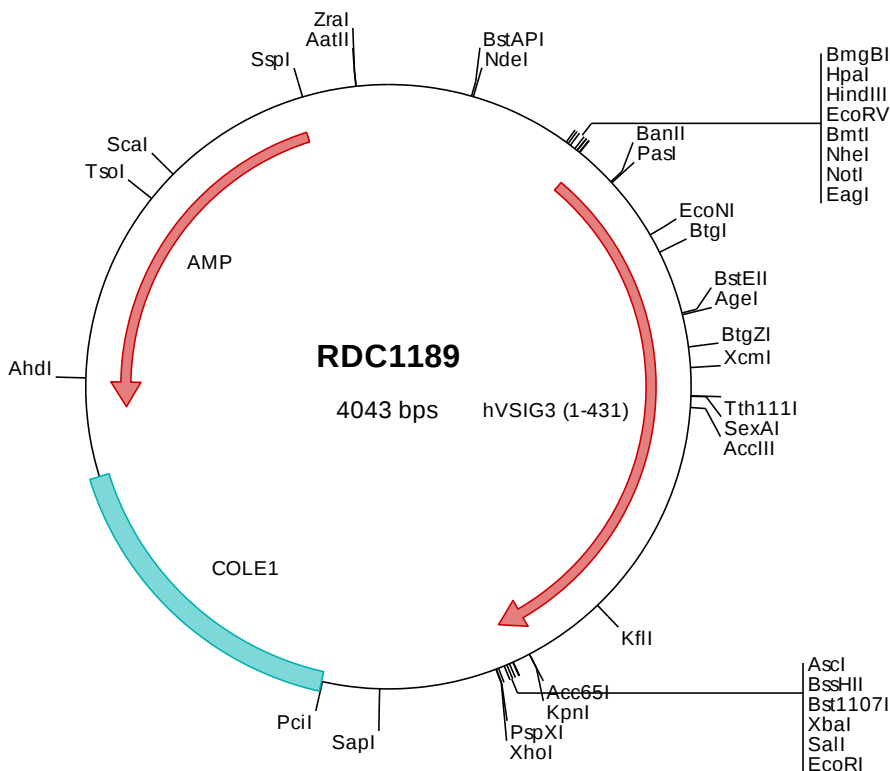
hVSIG3 cDNA Plasmid

IGSF11 immunoglobulin superfamily, member 11 [*Homo sapiens* (human)]

Also known as: CT119; VSIG3; Igsf13; BT-IgSF; CXADRL1

Summary:

VSIG3/IGSF11 is a member of the immunoglobulin (Ig) superfamily. It is a type I transmembrane glycoprotein and is expressed by neurons, astrocytes and oligodendroglia. It is an adhesion molecule that forms Ca-independent homophilic interactions. Alternatively spliced transcripts encoding different proteins have been described.





> RDC1189 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgc tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttaggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacac atgacttctc agcgttcccc totgggcgct ttgtctgtcc tctctctgca
501  cgggtgttcca gcatccctgg aagtgtcaga gacccctggg agtatccagg tggcccgggg tcagccagca gtccctgccc gaactttcac taccagcgt
601  gccctcatta acctcaatgt catttggatg gtaactctct totccaatgc caaccaacct gaacagggtca tccgtgatac ggttggaacg atgtttgatg
701  gtgccccccg gttccacggt aggttaggat ttacaggcac catgccagct accaatgtct ctatcttcat taataaact cagttatcag acactggcac
801  ctaccagtgc ctggtcaaca accttcaga catagggggc aggaacattg gggtaacogg tctcacagtg ttagtcccc cttctgcccc acactgcaaa
901  atccaaggat cccaggatat tggcagcgat gtaactctgc totgtagctc agaggaaagg attcctcgac caacttacct ttgggagaag ttagacaata
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1301 taagagagga tgatcttcca cccaagtgtt cttctgcaaa agcatttccac actgagattt cctcctcgga caacaacaca ctaacctctt ccaatgccta
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1601 tgatgtccag gagcaatggc tcagtcagta ggaagcctcg gccctccacac actcattctct acaccatcag ccacgcaaca ctggaacgaa ttggtgcagt
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1901 gcctggggtg cctaataagt gagctaactc acattaattg cgttgccgtc actgcccgtt tccagtcgg gaaacctgtc gtgccagctg cattaatgaa
2001 tcggccaacg cgcggggaga ggcggtttgc gtattgggct cctctccgct tctctcgctc ctgactcgct gcgctcggtc gttcggctgc ggcgagcggg
2101 atcagctcac tcaaggcggt taatacgggt atccacagaa tcaggggata acgcaggaaa gaacatgtga gcaaaaggcc agcaaaaggc cagggaaccgt
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3001 tgaggcacct atctcagcga tctgtctatt tcgttcaccc atagtctgct gactccccgt cgtgtagata actacgatac gggagggctt accatctggc
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3901 atacatattht gaatgtattht agaaaaataa acaaataggg gttccgcgca catttccccg aaaagtgcc cctgacgtct aagaaacatc tattatcatg
4001 acattaacct ataaaaatag gcgtatcacg aggccttttc gtc
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> RDC1189 Translated Insert Sequence

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1   mtsqrsplap lllslshgva aslevsespg siqvarggpa vlpcftftsa alinlnviwm vtplsnaqnp eqvilygggq mfdgaprfhg rvfgtgmtpa
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201  tirnisalss glyqcvasna igtstclldl qvisqpqrni gliagaigtg aviiifcial ilgaffywrs knkeeeeeei pneireddlp pkcsakafh
301  teissdntnt ltssnaynsr ywsnnpkvhr ntesvshfsd lgqsfshsg nanipsiyan gthlvpgqhk tlvvtanrgs spqvmrsng svsrkprpph
401  thsyttishat leriagvpvm vpaqsragsl v
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