

Specifications:

Gene:	hSIGLEC6
Accession:	NP_001236
Insert size:	1375bp
Concentration:	10µg at 0.2µg/µL

hSiglec-6/CD327 cDNA Plasmid

SIGLEC6 sialic acid binding Ig-like lectin 6 [*Homo sapiens* (human)]

Also known as: CD327; CD33L; OBBP1; CD33L1; CD33L2; CDW327

Summary:

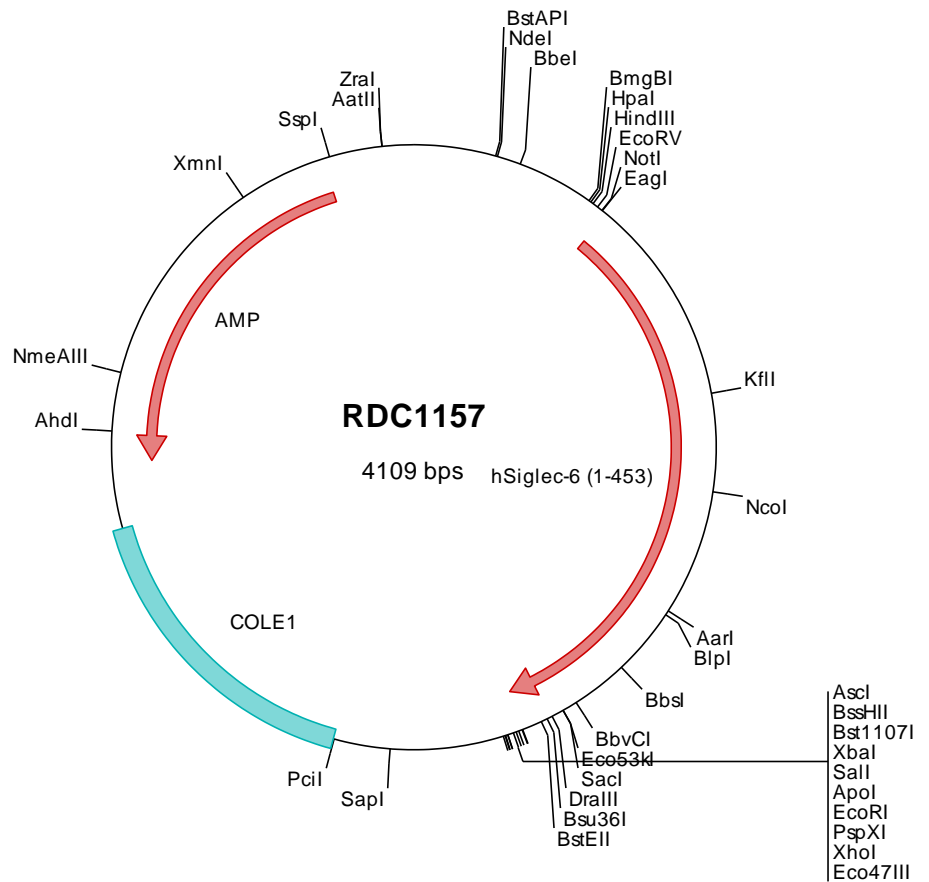
SIGLEC6 is a I-type (Ig-type) lectin that belongs to the Ig superfamily. It is an adhesion molecule that mediates sialic-acid dependent binding to cells. It is expressed at high levels in placenta (cyto- and syncytiotrophoblastic cells) and at lower levels in spleen, peripheral blood leukocytes (predominantly B-cells) and small intestine. 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.





> RDC1157 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaactcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acggcagggt tttccagtc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcct ggatccgata tcgctagcgc ggccgcacc atgcagggag cccagggaag ctccgcctoa gagatgtac cgtctgtct
501 gcccctcctg tggcgagggg ccttggtca ggagcggaga tccagctgg agggccaga gtcactgacg gtgcaggagg gtcctgtcgt cctcgtacco
601 tgcagattgc cactacocct tccagcctcg taactatggt atggtactg gttcctggaa gggcgtgatg tccagtgcc cacaacgac ccagacgaag
701 aagtgcagga ggagaccoggy gccogattcc acctcctctg ggtatccaga aggaagaact gctccctgag catcagagat gcccgaggga gggacaatgc
801 tgcatacttc tttcggttga agtccaaatg gatgaaatc gggtatacat cttccaagct ctctgtcgtg gtgatggccc tgaccacag gcccaacatc
901 tccatcccaag ggacocctgga gtcctggocat cccagcaatc tgacctgctc tbtgcccctg gtcctgtgagc aggggacgoc cccatcttc tcttgatgt
1001 cagctgcccc cacctcctcg gcccccagga ccaccacgct ctcgggtctc acaatcacc caccgcccga ggaccacagc accaacctca cctgtcaggt
1101 cagcttcctt ggagcgggtg tgaccatgga gagaaccatc cagctcaatg tctcctatgc tccacagaaa gtggccatca gcatcttoca aggaaacagc
1201 gcagocctca aaatcctgca aaacacctcg tccctcctcg tctcggaggg ccaggctctg cggctgctct gtgatgtgta cggcaacccc cctgcaaccc
1301 tgagctgggt ccagggttc cccgcctga acgcccacc catctcaat accgggttc tggagctgoc tcaagtaggg tctgcagaag aaggagattt
1401 cactgctcgt gtcagcactc cctgaggctc cctgcaaatc tctctgagtc tctttgtgca ttggaaacca gaaggcagg ctggtgtgtt cctggagca
1501 gctctgggag ctagcatcac aacctggtt tctcctctgt tttgctctat cttcagagt aagaactagaa ggaagaaagc agcccagcca gtgcaaaaa
1601 cggatgatgt gaacccctc atggtctcag gctccagggg tcatcagcac cagttccaga caggcatagt ttcagaccac cctgctgagg ctggccccat
1701 ctcagaagat gagcaggagc tccactacgc tgtcctacac ttccacaagg tgcaacctca ggaaccaaag gtcaccgaca ctgagctac agaaatcaag
1801 atacacaagt aaaggcgcgc cagtatactc tagagtgcac acccggggaa tctctcagc gctcgtctct agcttggcgt aatcatggtc atagctggtt
1901 cctgtgtgaa attggtatcc gctcacaatt ccacacaaca tacgagccgg aagcataaag tgtaaagcct ggggtgctca atgagtgagc taactcacat
2001 taattgctt gcgctcactg cccgctttcc agtcgggaaa cctgtcgtgc cagctgcatt aatgaatcgg ccaacgcgcg gggagaggcg gtttgcgtat
2101 tggcgctctc tccgcttccct cgtcactgca ctogctgcgc tcgctcgttc ggtcggcgcg agcggtatca gctcactcaa agcggtaat accggtatcc
2201 acagaatcag gggataacgc aggaaagaac atgtgagcaa aaggccagca aaaggccagg aaccgtaaaa agggcgcgtt gctggcgttt tccataggg
2301 tccgcccccc tgacgagcat cacaaaaatc gacgctcaag tcagaggtgg cgaaacccga caggactata aagataccag gcccttcccc ctggaaagctc
2401 cctcgtgcgc tctcctgttc cgaccctgcc gcttaccgga tacctgtccg cctttctccc ttcgggaagc gtggcgtt ctaaatgctc acgctgtag
2501 tatctcagtt cggtgtaggt cgttcgctcc aagctgggct gtgtgcagca acccccctt cagcccgacc gctgcgctt atccggtaac tatcgtctt
2601 agtcaaaccc ggtaagcac gacttatcgc cactggcagc agccactggt aacaggatta gcagagcag gtatgtaggc ggtgctacag agttcttgaa
2701 gtggtggcct aactacggct acactagaag gacagtattt ggtatctgct cctcgtgaa gccagttacc ttcggaaaaa gagttgtag ctcttgatcc
2801 ggcaaaaaa ccacogctg tagcgggtgt tttttgtt gcaagcagca gattacgcgc agaaaaaag gatctcaaga agatctttg atcttttcta
2901 cggggtctga cgtcagttg aacgaaaaact cagtttaagg gattttggtc atgagattat caaaaaggat cttcacctag atccttttaa attaaaaatg
3001 aagttttaa tcaatctaaa gtatatatga gtaaacctgg tctgacagtt accaatgctt aatcagtgag gcacctatct cagcgtctg tctattctg
3101 tcatccatag ttgctgact ccccgctg tagataacta cgatacggga gggcttacca tctggcccga gtgctgcaat gataccgga gaccacgct
3201 caccggctcc agatttatca gcaataaac agccagccgg aaggccgag cgagaaagtg gtcctgcaac tttatccgcc tccatccagt ctattaattg
3301 ttgcccggaa gctagagtaa gtatgtcgcc agttaatagt ttgcgcaacg ttgttgcct tgctacagc atcgtggtg cacgctgctc gtttgatg
3401 gcttcattca gctcgggtc ccaacgatca aggcagttta catgatcccc atgtttgtg aaaaaagcgg ttagctcctt cggctcctcc atcgttgc
3501 gaagtaagtt ggccgagtg ttatcactca tggttatggc agcactgcat aattctctta ctgtcatgcc atccgtaaga tgctttctg tgaactgtga
3601 gtactcaacc aagtcatctt gagaatagtg tatcgggcga ccgagttgct cttgcccgcg gtcaatacgg gataataccg cgccacatag cagaacttta
3701 aaagtctca cacttgaa acgttcttcc gggcgaaaac tctcaagctt ttgagatcca gttcgtatga acccaactg acccaact ggaaccaact
3801 gatcttcagc atcttttact ttcaccagc tttctgggtg agcaaaaaa ggaagcga atgcccga aaagggaaata agggcgacac ggaatgttg
3901 aatactcata ctcttctctt tccaatatta ttgaagcatt tatcagggtt attgtctcat gagcggatc atatttgaat gtatttagaa aataaaaaa
4001 atagggttc cgcgcacatt tccccgaaa gtgccacctg acgtctaaga aaccattatt atcatgacat taacctataa aaataggcgt atcacgagc
4101 ccttcgctc

> RDC1157 Translated Insert Sequence

1 mqgaqeasas empllllpll wagalaqerr fqlqepeslt vqeglcvlvp crlpttlpas yygygywfile gadvpvatnd pdeevqeetr grfhlldwpr
101 rkncslsird arrrdnaayf frlkskwmky gytssklsvr vmalthrpn sipgtlesgh psnltsvvp vceqgtpif swmsaaptsl gprttqssvl
201 titprpqdhs tnltcqvtfp gagvtermi qlnvsyapqk vaisifgns aafkilqnts slpvlegqal rllcdadgnp pahlswfqgf palnatpish
301 tgvlelpqvg saeeqdftr aqhplgslqi slslfvhwkp egraggvlga vvgasittlv flcvcfifrv ktrrkkaaqp vqntddvnpv mvsgsrghqh
401 qfgtgivsdh paeagpised eqelhyavlh fhkvqpqepk vtdteyseik ihk