*h*Siglec-7/CD328 VersaClone cDNA

Catalog Number: RDC1499

Specifications:

Gene:	*h*SIGLEC7
Accession:	NP_055200
Insert size:	1417bp
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

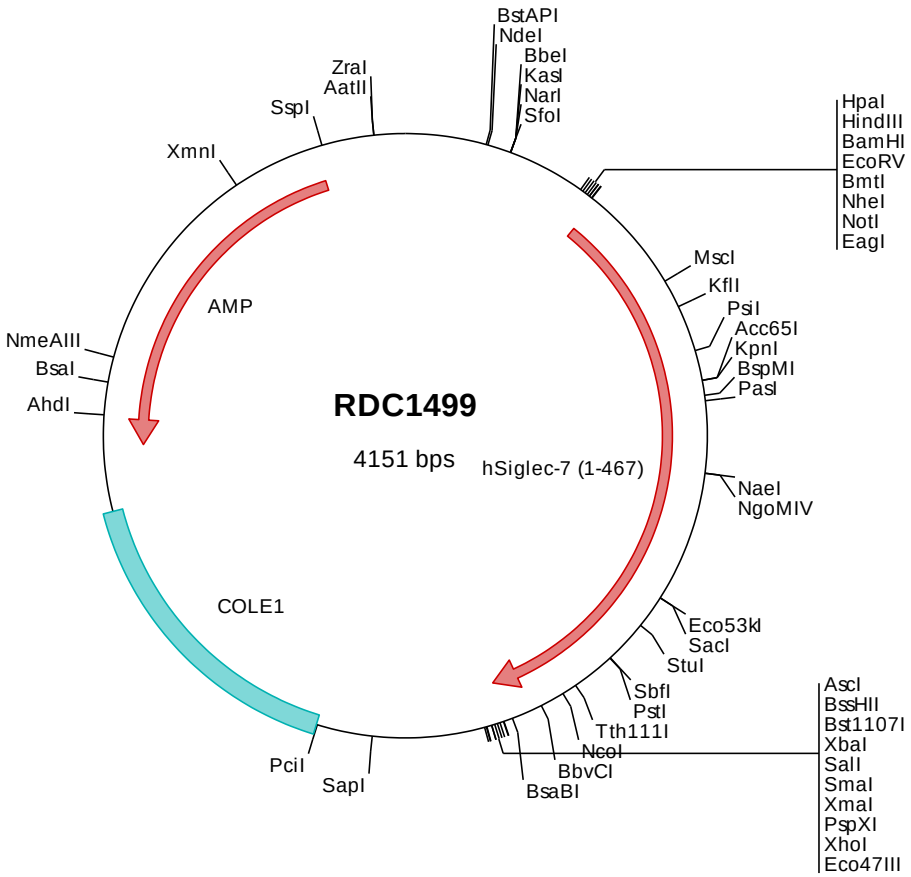
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*Siglec-7/CD328 cDNA Plasmid

SIGLEC7 sialic acid binding Ig-like lectin 7 [*Homo sapiens* (human)]

Also known as: p75; QA79; AIRM1; CD328; CDw328; D-siglec; SIGLEC-7; SIGLECP2; SIGLEC19P; p75/AIRM1

Summary:
Siglec-7 is a member of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. It binds equally well to both alpha 2,3- and alpha 2,6-linked sialic acid. It exists as a monomer on the cell surface and is expressed on natural killer cells, $CD8^+$ T cells and monocytes.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1499 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 atgctgctgc tgctgctgct gcccctgctc tgggggaggg agagggtgga
 501  aggacagaag agtaaccgga aggattactc gctgacgatg cagagttccg tgaccgtgca agagggcatg tgtgtccatg tgcgctgctc cttctcctac
 601  ccagtggaca gccagactga ctctgaccca gttcatggct actggttccg ggcagggaat gatataagct ggaaggctcc agtggccaca aacaacccag
 701  cttgggcagt gcaggaggaa actcgggacc gattccacct ccttggggac ccacagacca aaaattgcac cctgagcatc agagatgcca gaatgagtga
 801  tgcggggaga tacttctttc gtatggagaa aggaaatata aaatggaatt ataaatatga ccagctctct gtgaacgtga cagccttgac ccacaggccc
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1001  ggatggggac ctctgtgtcc cccctgcacc cctccaccac ccgctcctca gtgctcaccc tcatcccaca gccccagcac cacggcacca gcctcacctg
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1601  caaggccagc agcggacgtg ggagacatag gcatgaagga tgcaaacacc atcaggggct cagcctctca gggtaacctg actgagtcct gggcagatga
1701  taacccccga caccatggcc tggctgccca ctcctcaggg gaggaaagag agatccagta tgcacccctc agctttcata agggggagcc tcaggaccta
1801  tcaggtcaag aagccaccaa caatgagtac tcagagatca agatccccaa gtaaaggcgc gccagtatac tctagagtcg acacccgggg aattcctcga
1901  gcgctcgtct ctagcttggc gtaatcatgg tcatagctgt ttcctgtgtg aaattgttat ccgctcacaa ttccacacaa catacgagcc ggaagcataa
2001  agtgtaaagc ctggggtgcc taatgagtga gctaactcac attaattgcg ttgcgctcac tgcccgcttt ccagtcggga aacctgtcgt gccagctgca
2101  ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attgggcgct cttccgcttc ctcgctcact gactcgctgc gctcggtcgt tcggctgcgg
2201  cgagcggtat cagctcactc aaaggcggta atacggttat ccacagaatc aggggataac gcaggaaaga acatgtgagc aaaaggccag caaaaggcca
2301  ggaaccgtaa aaaggccgcg ttgctggcgt ttttccatag gctccgcccc cctgacgagc atcacaaaaa tcgacgctca agtcagaggt ggcgaaaccc
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2801  aagccagtta ccttcggaaa aagagttggt agctcttgat ccggcaaaca aaccaccgct ggtagcggtg gttttttttg ttgcaagcag cagattacgc
2901  gcagaaaaaa aggatctcaa gaagatcctt tgatcttttc tacggggtct gacgctcagt ggaacgaaaa ctcacgttaa gggattttgg tcatgagatt
3001  atcaaaaagg atcttcacct agatcctttt aaattaaaaa tgaagtttta aatcaatcta aagtatatat gagtaaactt ggtctgacag ttaccaatgc
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3601  tactgtcatg ccatccgtaa gatgcttttc tgtgactggt gagtactcaa ccaagtcatt ctgagaatag tgtatgcggc gaccgagttg ctcttgcccg
3701  gcgtcaatac gggataatac cgcgccacat agcagaactt taaaagtgct catcattgga aaacgttctt cggggcgaaa actctcaagg atcttaccgc
3801  tgttgagatc cagttcgatg taacccactc gtgcacccaa ctgatcttca gcatctttta ctttcaccag cgtttctggg tgagcaaaaa caggaaggca
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4001  atgagcggat acatatttga atgtatttag aaaaataaac aaataggggt tccgcgcaca tttccccgaa aagtgccacc tgacgtctaa gaaaccatta
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> RDC1499 Translated Insert Sequence

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 101  pqtknctlsi rdarmsdagr yffrmekgni kwnykydqls vnvtalthrp nilipgtles gcfqnltcsv pwaceqgtpp miswmgtsvs plhpsttrss
 201  vltlipqpqh hgtsltcqvt lpgagvttnr tiqlnvsypp qnltvtvfqg egtastalgn ssslsvlegq slrlvcavds npparlswtw rsltlypsqp
 301  snplvlelqv hlgdegeftc raqnslgsqh vslnlslqqe ytgkmrpvsg vllgavggag atalvflsfc vifivvrscr kksarpaadv gdigmkdant
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```