*h*KIR2DL5A/CD158f VersaClone cDNA

Catalog Number: RDC1894

Specifications:

Gene:	*h*KIR2DL5A
Accession:	NP_065396
Insert size:	1141bp
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

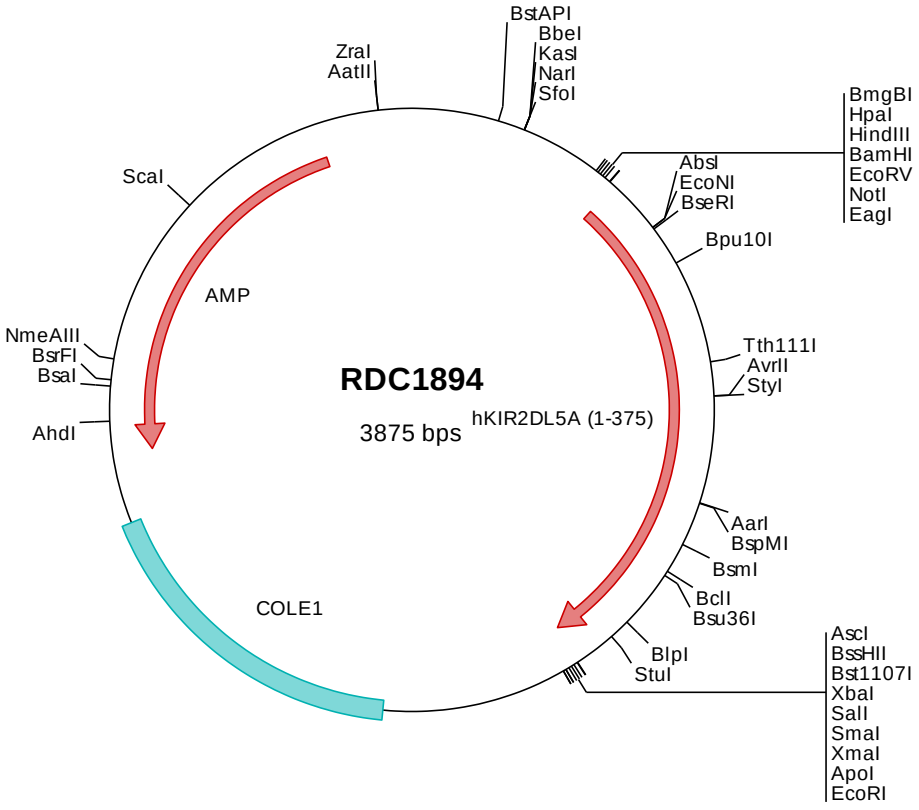
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*KIR2DL5A/CD158f cDNA Plasmid

KIR2DL5A killer cell immunoglobulin like receptor, two Ig domains and long cytoplasmic tail 5A [*Homo sapiens* (human)]

Also known as: CD158F; KIR2DL5; KIR2DL5.1; KIR2DL5.3

Summary:
KIR2DL5A is a killer cell immunoglobulin-like receptor. It is a transmembrane glycoprotein expressed by natural killer cells and subsets of T cells. KIR2DL5A contains a long cytoplasmic domain which transduces inhibitory signals upon ligand binding via an immune tyrosine-based inhibitory motif (ITIM). KIR proteins are thought to play an important role in regulation of the immune response.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC1894 Plasmid DNA Sequence

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 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 atgtcgctca tggtcatcag catggcgtgt gttgggttct tcttgctgca
 501  ggggggcctgg acacatgagg gtggtcagga caagcccttg ctgtctgcct ggcccagcgc tgtggtgcct cgaggaggac atgtgactct tctgtgtcgc
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 701  ctgtgacccc tgcacacgca gggacctaca gatgtcgggg ttcacaccca cgctccccca ttgagtggtc agcacccagc aacccccctgg tgatcgtggt
 801  cacaggtcta tttgggaaac cttcactctc agcccagccg ggccccacgg ttcgcacagg agagaacgtg accttgtcct gcagctccag gagctcattt
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1701  acaacatacg agccggaagc ataaagtgta aagcctgggg tgcctaatga gtgagctaac tcacattaat tgcgttgcgc tcactgcccg ctttccagtc
1801  gggaaacctg tcgtgccagc tgcattaatg aatcggccaa cgcgcgggga gaggcggttt gcgtattggg cgctcttccg cttcctcgct cactgactcg
1901  ctgcgctcgg tcgttcggct gcggcgagcg gtatcagctc actcaaaggc ggtaatacgg ttatccacag aatcagggga taacgcagga aagaacatgt
2001  gagcaaaagg ccagcaaaag gccaggaacc gtaaaaaggc cgcgttgctg gcgtttttcc ataggctccg ccccccctgac gagcatcaca aaaatcgacg
2101  ctcaagtcag aggtggcgaa acccgacagg actataaaga taccaggcgt ttcccccctgg aagctccctc gtgcgctctc ctgttccgac cctgccgctt
2201  accggatacc tgtccgcctt tctcccttcg ggaagcgtgg cgctttctca atgctcacgc tgtaggtatc tcagttcggt gtaggtcgtt cgctccaagc
2301  tgggctgtgt gcacgaaccc cccgttcagc ccgaccgctg cgccttatcc ggtaactatc gtcttgagtc caacccggta agacacgact tatcgccact
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2901  taactacgat acgggagggc ttaccatctg gccccagtgc tgcaatgata ccgcgagacc cacgctcacc ggctccagat ttatcagcaa taaaccagcc
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3501  gaaaactctc aaggatctta ccgctgttga gatccagttc gatgtaaccc actcgtgcac ccaactgatc ttcagcatct tttactttca ccagcgtttc
3601  tgggtgagca aaaacaggaa ggcaaaatgc cgcaaaaaag ggaataaggg cgacacggaa atgttgaata ctcatactct tccttttca atattattga
3701  agcatttatc agggttattg tctcatgagc ggatacatat ttgaatgtat ttagaaaaat aaacaaatag gggttccgcg cacatttccc cgaaaagtgc
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> RDC1894 Translated Insert Sequence

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 101  rspiewsaps nplvivvtgl fgkpslsaqp gptvrtgenv tlscssrssf dmyhlsregr aheprlpavp svngtfqadf plgpathggt ytcfgslhds
 201  pyewsdpsdp llvsvtgnss sssspteps sktgirrhlh iligtsvaii lfiilfffll hcccsnkkna avmdqepagd rtvnredsdd qdpqevtyaq
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