

Specifications:

Gene:	hKIR2DS5
Accession:	NP_055328
Insert size:	928bp
Concentration:	10µg at 0.2µg/µL

hKIR2DS5 cDNA Plasmid

KIR2DS5 killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 5 [*Homo sapiens*]

Also known as: NKAT9; CD158G

Summary:

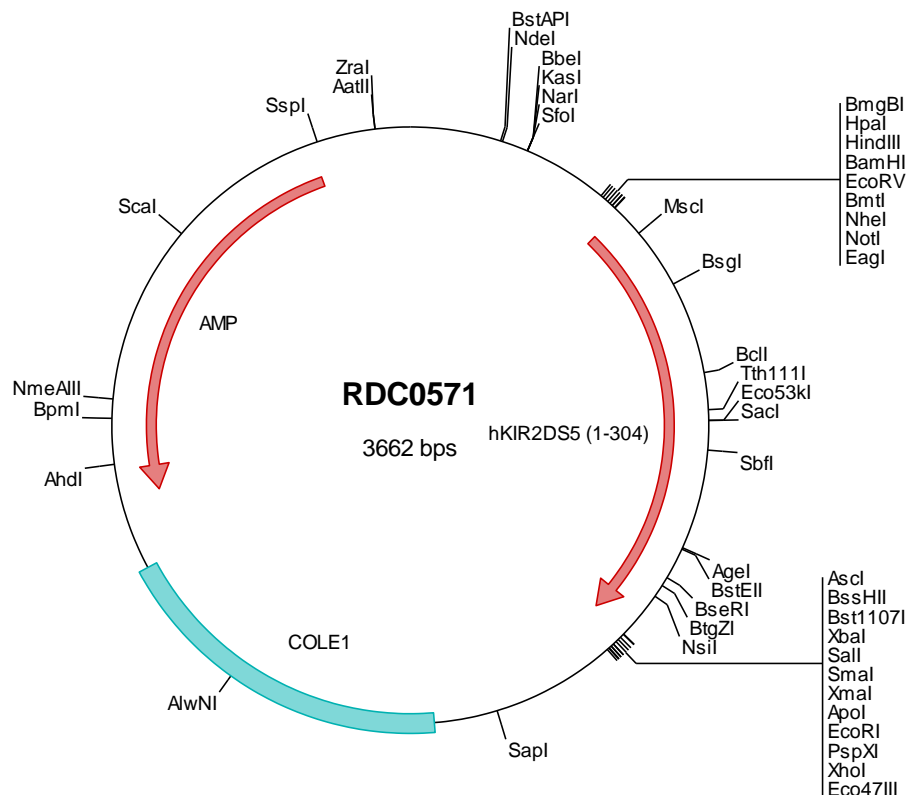
Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. KIRs are the key receptors of human natural killer (NK) cells that mount an early immune response against infection and tumors. They are classified by the number of extracellular immunoglobulin domains (2D or 3D) and whether they have a long (L) or short (S) cytoplasmic domain.

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.





> RDC0571 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatagtcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggccgc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301 taacccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttccaccagc acgacgttg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcct ggatccgata tcgctagcgc ggccgccacc atgtcgtca ttgtcatcag catggcgtgt gttgcgttct tcttctgca
501 gggggcctgg ccacatgagg gattccgag aaaaaccttc ctctggccc acccaggtcc cctggtgaaa tcagaagaga cagtoactct gcaatgttg
601 tcagatgtoa tgtttgagca ctctctctg caoagagagg ggaagtttaa ccacacttg cgcctcattg gagagacat tga tggggtc tccaagggca
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2301 gcgctctgct gaagccagtt accttcgga aaagagttgg tagctcttga tccggcaaac aaaccaccg tggtagcggg ggtttttttg tttgcaagca
2401 gcagattacg cgcagaaaaa aaggatctca agaagatcct ttgactctt ctacggggtc tgacgctcag tggaaacgaaa actcaogtta agggattttg
2501 gtcagagat tatcaaaaag gatcttcacc tagatcctt taaatataaa atgaagttt aaatcaact aaagtatata tgagtaaaact tggctgaca
2601 gttaccaatg cttaatcagt gaggcaccta tctcagcgat ctgtctattt cgttcatcca tagttgcctg actccccgc gtgtagataa ctacgatac
2701 ggagggtta ccatctggcc ccagtctgct aatgataccg cgagaccac gctcaccgct tccagattta tcagcaataa accagccagc cggaaaggcc
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3201 gctcttgccc ggcgtcaata cgggataata ccgcccaca tagcagaact ttaaaagtgc tcatcattgg aaaacgttct tcggggcgaa aactctcaag
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3401 acaggaagc aaaatgccc aaaaaaggga ataaggcga caggaaatg ttgaatact atactcttc tttttcaata ttattgaagc atttatcagg
3501 gttattgtct catgagcgga tacatattg aatgtattta gaaaaataaa caaatagggg ttccgcgca atttcccga aaagtgccac ctgacgtcta
3601 agaaaccatt attatcatga cattaacctta taaaaatagg cgtatcacga ggcctttctg tc

> RDC0571 Translated Insert Sequence

1 mslmvismac vaffllqgaw phegfrkps llahgplvk seetvilqcw sdvmfehfl hregtfnhtl rligehidgv skgnfsigrm tqdlagtyrc
101 ygsvthspyg lsapsdpldi vitglyekps lsagppvtl agesvtlscs srssydmhyl sregeaherr lpagpkvnr tfgadfpdpd thggyrcofg
201 sfrdspyews kssdpllvsv tgnssnswps ptepssetgn prhlhvligt svvklpftil lffllhrwcs nkknasvmdq gpagnrtvnr edsdeqdhqe
301 vsya