

Specifications:

Gene:	hIL1RL2
Accession:	NP_003845
Insert size:	1740bp
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.

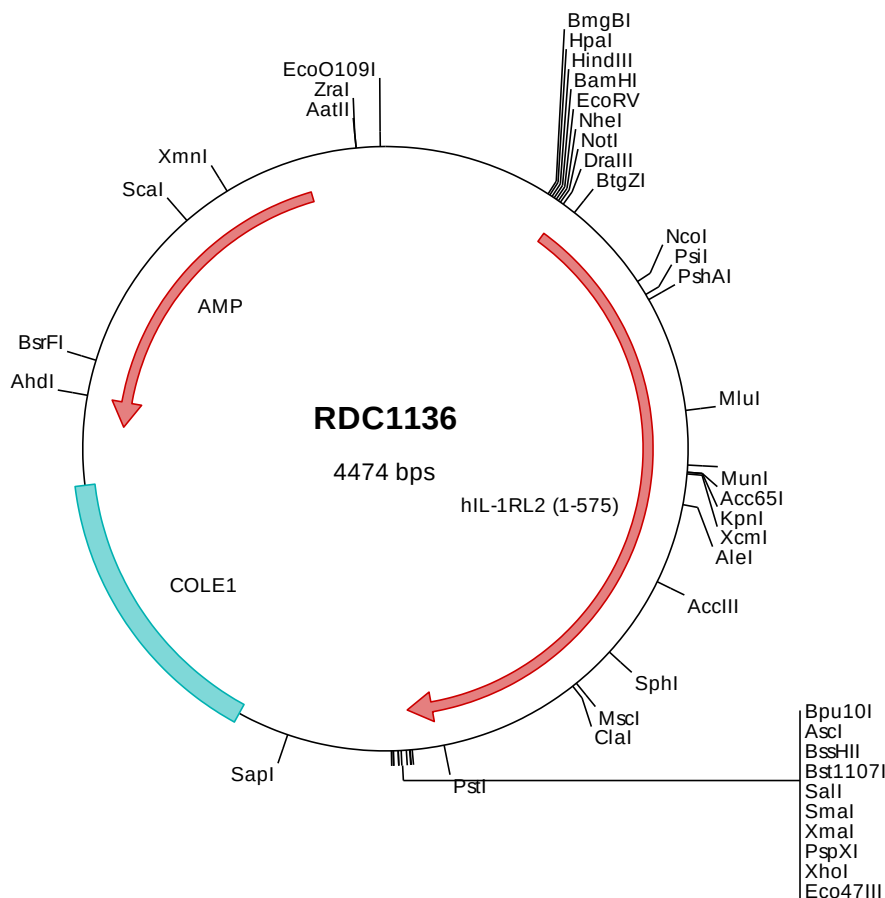
hIL1Rrp2/IL-1R6 cDNA Plasmid

IL1RL2 interleukin 1 receptor-like 2 [*Homo sapiens* (human)]

Also known as: IL-36R; IL1RRP2; IL-1Rrp2; IL1R-rp2

Summary:

IL1Rrp2 is a member of the interleukin 1 receptor family. IL1Rrp2 is expressed in lung epithelium, brain vasculature, kidney, testis, monocytes, skin-derived keratinocytes, fibroblasts and, to a lesser extent, endothelial cells. IL1Rrp2 has been shown to mediate the activation of the transcription factor NFκB by the IL-1 family ligands IL-1 F6, F8, or F9, with IL-1RAcP as a cofactor. IL1Rrp2, IL-1 F5, and IL-1 F9 are all up-regulated in lesional psoriasis skin, suggesting that the IL1Rrp2 mediated signaling pathway may take part in local inflammatory responses.





> RDC1136 Plasmid DNA Sequence

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201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
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601  gaagtcaagt taacatggta taaaaattct agcaaaatcc cagtgtccaa atcatcacag tctagaatto accaggacga gaacttgatt ttgtttctcc
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801  gtgtgacaat tccataggtg gtttacaaaa tttatcagat gagtacaagc aaatattaca tcttgaaaaa gatgatagtc tcacatgtca tctgcacttc
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> RDC1136 Translated Insert Sequence

```
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201  hsqkqyevln gitvsitera gyggsvpkii ypknhsievq lgttlivdcn vtdtkdntnl rcwrnntlv ddydeskri regvethvsf rehnlytvni
301  tflvkmedy glpfmchagv stayiilqlp apdfraylid glialvavav svviynifk idivlwyrsa fhstetivdg klydayvlyp kphkesqrha
401  vdalvinilp evlerqcgylk lfifgrdefp gqavanvide nvklrrlliv ivvpselgfg llknlseeqi avysaliqdg mkvillielek iedytvmpes
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