

Specifications:

Gene:	<i>hIRAK2</i>
Accession:	NP_001561.3
Insert size:	1891bp
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.

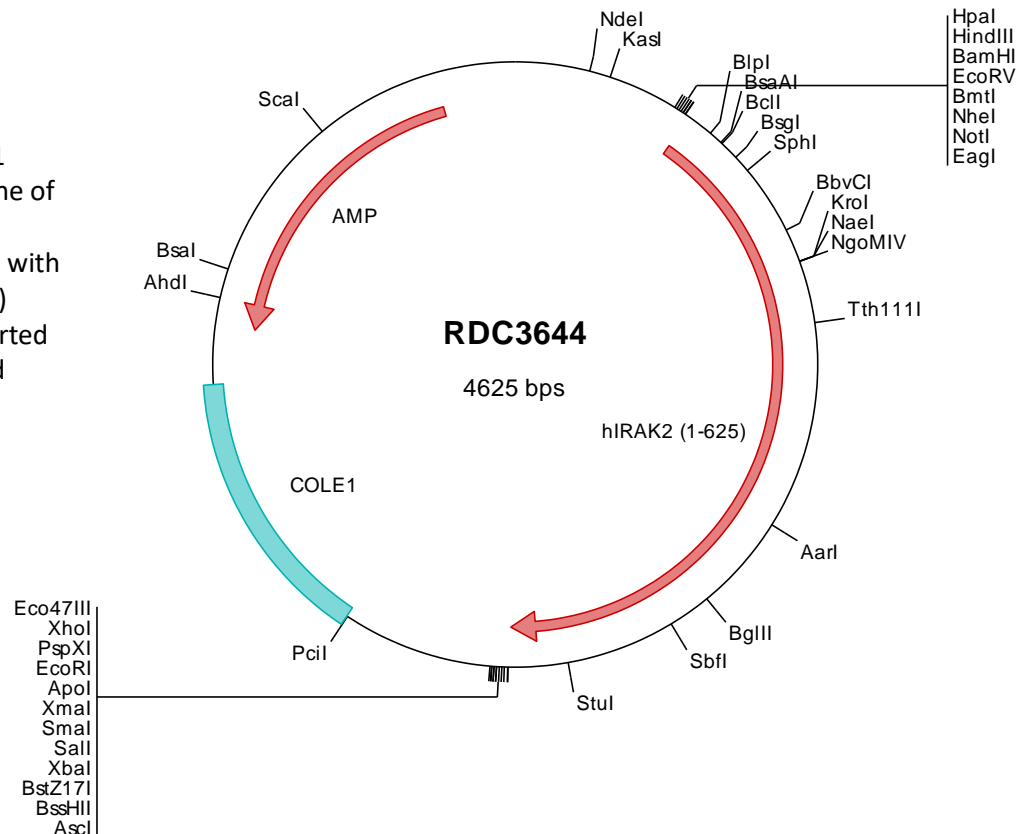
hIRAK2 cDNA Plasmid

IRAK2 interleukin 1 receptor associated kinase 2 [*Homo sapiens* (human)]

Also known as: IRAK-2

Summary:

IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3644 Plasmid DNA Sequence

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1 tcgcgcgctt cgggatgatgac ggtgaaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301 tacgcccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgatt
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601 gtgcagggtg tgagcatcac gcgggagctg ctgtggtggt ggggcatcgg gcaggccacc gtccagcaac ttgtggacct cctgtgcgcg ctggagctct
701 accgggtcgc ccggatcac ctgaactgga aaccggctcc tgaaatcagc tgtcccattc cagccttccc tgactctgtg aagccagaaa agcctttggc
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> RDC3644 Translated Insert Sequence

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1 macyiylqlps wlddlclrm dalsewdwme fasyvitdlt qlrkikmsr vqgvsitrel lwwwgmrgat vqqlvdlldr lelyraaqii lnwkpapeir
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