

Product datasheet for **RG204869**

IRAK (IRAK1) (NM_001025243) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IRAK (IRAK1) (NM_001025243) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IRAK
Synonyms:	IRAK; pelle
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG204869 representing NM_001025243
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGGGGGGCCGGGGCCGGGGAGCCCGAGCCCCGGCGCCAGCACTTCTTGACGAGGTGCCGC
 CCTGGGTGATGTGCCGCTTCTACAAAGTATGGACGCCCTGGAGCCCGCGACTGGTGCCAGTTCGCCGC
 CCTGATCGTGCAGCAGCAGACCGAGCTGCGGCTGTGCGAGCGCTCCGGGAGCGCACGGCCAGCGTCTG
 TGGCCCTGGATCAACCGCAACGCCCGTGTGGCCGACCTCGTGCACATCCTCACGCACCTGCAGTCTCC
 GTGCGCGGGACATCATCACAGCCTGGCACCCCTCCGCCCGCTTCCGTCGCCAGGACCCTGCCCGAG
 GCCAGCAGCATCCCTGCACCCGCCGAGGCCGAGGCTGGAGCCCCGGAAGTTCGCATCCTCAGCCTCC
 ACCTTCTCTCCAGCTTTTCCAGGCTCCAGACCCATTAGGGCTGAGCTCGGCTGGTTCCAAGCC
 CTGCTTCCCTGTGGCTCCACCGCCATCCTCAGCCCTTCTTCTACCAAGCCAGGCCAGAGAGCTCAGT
 GTCCTCTGCAGGGAGCCGCCCTCTCCGTTTTGCTGGCCCTCTGTGAGATTTCCCGGGCACCCAC
 AACTTCTCGGAGGAGCTCAAGATCGGGGAGGTTGGCTTTGGGTGCGTGTACCGGGCGGTGATGAGGAACA
 CGGTGTATGCTGTGAAGAGGCTGAAGGAGAACGCTGACCTGGAGTGGACTGCAGTGAAGCAGAGTCTCT
 GACCGAGGTGGAGCAGCTGTCCAGTTCGTCACCCAAACATTGTGGACTTTGCTGGTACTGTGCTCAG
 AACGGTCTACTGCCTGGTGTACGGTTCCTGCCAACGGCTCCCTGGAGGACCGTCTCCACTGCCAGA
 CCCAGGCTGCCACCTCTCTCTGGCCTCAGCGACTGGACATCCTTCTGGGTACAGCCCGGCAATTCA
 GTTTCTACATCAGGACAGCCCCAGCCTCATCCATGGAGACATCAAGAGTTCACAGTCTTCTGGATGAG
 AGGCTGACACCAAGCTGGGAGACTTTGGCCTGGCCCGTTTCCAGCCGTTTCCCGGTCCAGCCAGCC
 AGAGCAGCATGGTGGCCGGACACAGACAGTGGGGCACCCCTGGCCTACCTGCCCGAGGATACATCAA
 GACGGGAAGGCTGGCTGTGGACACGGACACCTTACGCTTTGGGTGGTAGTGCTAGAGACCTTGGCTGGT
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 CAGTGGTGGCGGGGTGCCCGGCATTTGGAGGCCCGCAGCTGCATCCCCCTTCCCGCAGGAGAACTC
 CTACGTGTCCAGCACTGGCAGAGCCACAGTGGGGCTGCTCCATGGCAGCCCTGGCAGCGCCATCAGGA
 GCCAGTGGCCAGGCAGCAGAGCAGCTGCAGAGAGGCCCAACCAGCCCGTGGAGAGTGCAGAGAGCTAG
 GCGGCCTCTGCTGCCCTGCGCTCTGGCACTTGACTCCAAGTGCCTCTGGACCCAGCACCCCTCAG
 GGAGCCGGCTGTCTCAGGGGACACGGCAGGAGAATCGAGCTGGGGAGTGGCCAGGATCCCGGCC
 ACAGCCGTGGAAGGACTGCCCTTGGCAGCTCTGCATCATCGTGTGAGCCACCGCAGATTATCATCA
 ACCCTGCCCGACAGAAGATGGTCCAGAAGCTGGCCCTGTACGAGGATGGGGCCCTGGACAGCCTGCAGCT
 GCTGTCGTCCAGCTCCCTCCAGGCTTGGGCTGGAACAGGACAGGCAGGGGCCGAAGAAAGTGATGAA
 TTTCAGAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG204869 representing NM_001025243
 Red=Cloning site Green=Tags(s)

MAGGPGPEPAAPGAQHFLYEVPWVMCRFYKVMDALEPADWCQFAALIVRDQTELRRCERSGQRTASVL
 WPWINRNARVADLVHILTHLQLLRARDIITAWHPPAPLPSGTTAPRPSSIPAPAEAEAWSPRKLPSAS
 TFLSPAFPGSQTHSGPELGLVSPASLWPPPPSPAPSSTKPGPESSVSLQGARPSFCWPLCEISRGT
 NFSEELKIGEGGFVYRAVMRNTVYAVKRLKENADLEWTAVKQSFLEVEQLSRFRHPNIVDFAGYCAQ
 NGFYCLVYGFPLNGSLEDRLHCQTQACPLSWPQRLDILLGTARAIQFLHQDSPSLIHGDIKSSNVLLDE
 RLTPKLGDFGLARFSRFAGSSPSQSSMVARTQTVRGTLAYLPEEYIKTGR LAVDTDFSFVGVVLETLAG
 QRAVKTHGARTKYL VYERLEKLAQAVVAGVPGHLEAASCIPSPQENSIVSSTGRAHSGAAPWQPLAAPSG
 ASAQAAEQLRGPNQPVESDESLGGLSAALRSWHLTPSCLDPAPLREAGCPQGD TAGESSWGS GSPGRP
 TAVEGLALGSSASSSSEPPQIIINPARQKMQKLALYEDGALDSLQLLSSSLPGLGLEQDRQGPEESDE
 FQS

TRTRPLE - GFP Tag - V

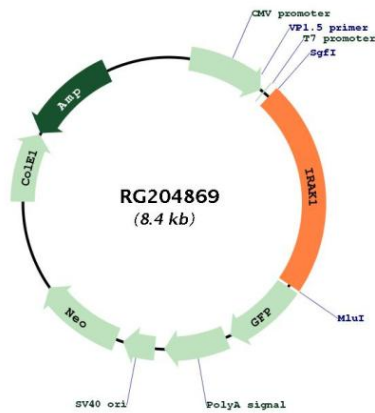
Cytogenetics: Xq28

Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

Protein Pathways: Apoptosis, Neurotrophin signaling pathway, Toll-like receptor signaling pathway

Gene Summary: This gene encodes the interleukin-1 receptor-associated kinase 1, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. This gene is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG204869