

Product datasheet for **SC219805**

IRAK4 (NM_001114182) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	IRAK4 (NM_001114182) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	IRAK4
Synonyms:	IMD67; IPD1; IRAK-4; NY-REN-64; REN64
ACCN:	NM_001114182
Insert Size:	2000 bp



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Insert Sequence: >SC219805 3'UTR clone of NM_001114182
 The sequence shown below is from the reference sequence of NM_001114182. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGCTGCTGCAAGAGATGACAGCTTCTTAAACTTTATTGGAAAAGACTCTTGACTTTTTATATACACC
TATCTCAACCATTTTTTAACTGATTTTTTCTAAATATTCTTCTTTACCTTTAACAAGGCATAGGCT
GTTGCAGGACAGTGGTTATTAAGCATGGGTTGAACTTCCAAAATATAAAAATAGAGCCACCATATCAA
CACTTAGCCCTACCCATTAGTATCACCCCAAGTCTTACAGTAATCCCTGAGAAATCTCCTTCAAGCAT
CACCAAACACAGTTTAAAATTACAGGGTTAGCAAAAAGAGCCTGGGCTGTATGTAGGGTGGAAACACT
CTGATCTGAAGCCAGCTGACTCCACTACTAATTTGCTGTAAAGCTTTGGACATACACTTAGCTGCTGT
GAGCCACTAATAACATTGGGCTAATATCTGCTGTGCTTCTCTGACAGGTAGTCATGAAAACAAATGAT
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AAAATCCTATTAGTCATATATTTATAGATTGTGTTACAGCAATCATTTAACCACAAATAAAAATATCCC
TTGATGATACTGCCATAATGATATGTCCATTATTAGATTATGTTACATGACAAAGTTGAAGGAATTTGG
CAGATGCAGTTAAGGTTCCATAACAACACTCACTTTGAGACTGTTGAAAGGGCCCTGACCTAATCAAGTGAA
CCCTTGCAAGAAGAAATTCCTTGTAAAGCCTTGAAGAAGTATGTGAGAGGGCCACATTGGCTAAAACCT
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AGATGATAACACAGCCTGGGCTGACACCTGGATTTGAGCTTTGCATGATCCTCAGTATGAGAATCTAT
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TCATACCTGTAAATCCCAGCACTTTGGGAGGCCGAGGCAGGCAGATCACCTGAGGTCAAGAGTTCAAGA
CCGGCCTGGCCAACATGGTGAAACCCCGTCTCTACTAAAAATACAAAATTTAGACGAGCGTGGTGGTGG
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CAGTGAGCTGAGATCGTGCCACTGCACTCCAGCCTGGGTGACAGAGTGGAGTCCATCATAAATAAATA
AATAAATAAATGGGTGACATTAAGCCTTTAAGTTTGTGGTAATTTATTATTAGTAATAGAAAACAAT
ACAGATACTCTCCATGATGTTTTTCCATGATGATTTCCATGATATTTACAGTTTTGGCCACATTT
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GTTGGAGCCCCAACACAGAGACCCAGCAGGACTGCCTAGTAGAGCTATGGGAAGGGTGTGCCACC
CTCCAGACTTGAGAATTGTAGAGCCACCAGCAGCTTGCCTCTGAGCTTGAAAAAGCCACAGGCACTCA
ACTTCAACCATGAGGGAAGCCACGCACCCTGCAAAGCCACAGGAGTGGAGCTGCCACGGCTCGAGGG
CCCACCCCTTGACACAGTGTGCCAGGATGTGGGACATGGAATCAAGGAATATGTTAGGGCTTTTTTTTT
TTTTTTTTGAGACGGAGTCTTGCTCTGTTGCCAGGCTGGAGTGCAGTGGCAGATCTCGGCTCACTG
CAAGCTCTGCCTCCAGGTTACGCCATTTCCCTGCCTCAGCCTCCCCAGTAGCTGGGACTACAGGTG
ACGCGTAAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001114182.3](#)

Summary: This gene encodes a kinase that activates NF-kappaB in both the Toll-like receptor (TLR) and T-cell receptor (TCR) signaling pathways. The protein is essential for most innate immune responses. Mutations in this gene result in IRAK4 deficiency and recurrent invasive pneumococcal disease. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

Locus ID: 51135

MW: 75.8