

Product datasheet for **SC204234**

TYK2 (NM_003331) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TYK2 (NM_003331) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TYK2
Synonyms: IMD35; JTK1
ACCN: NM_003331
Insert Size: 331 bp
Insert Sequence: >SC204234 3'UTR clone of NM_003331

The sequence shown below is from the reference sequence of NM_003331. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
CAGGCCCTTTCAGTGTTCAGCGTGTGCTGAGGCACAATGGCAGCCCTGCCTGGGAGGACTGGACCAGGC  
AGTGGCTGCAGAGGGAGCCTCTGCTCCCTGCTCCAGGATGAAACCAAGAGGGGGATGTCAGCCTCACC  
CACACCGTGTGCCTTACTCCTGTCTAGAGACCCACCTCTGTGAACCTATTTTTCTTTCTTGCCCGTGA  
GCCTAACCATGATCTTGAGGGACCCAACATTTGTAGGGGCACTAATCCAGCCCTTAAATCCCCAGCTT  
CCAAACTTGAGGCCACCATCTCCACCATCTGGTAATAAACTCATGTTTTCTCTG  
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul

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_003331.5](#)



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Summary: This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also a component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with Immunodeficiency 35. [provided by RefSeq, Sep 2020]

Locus ID: 7297

MW: 11.7