

Product datasheet for **SC217271**

JAK3 (NM_000215) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	JAK3 (NM_000215) Human 3' UTR Clone
Symbol:	JAK3
Synonyms:	JAK-3; JAK3_HUMAN; JAKL; L-JAK; LJAK
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000215
Insert Size:	1991 bp



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Insert Sequence:

>SC217271 3'UTR clone of NM_000215

The sequence shown below is from the reference sequence of NM_000215. 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
GGCAAACACCACTCCCTGTCTTTTCAAGCTCCTGCCCGCAGACCTCTGGATTAGGTCTCTGTTGACT
GGCTGTGTGACCTTAGGCCCGGAGCTGCCCTCTCTGGGCTCAGAGCCTTATGAGGGTCTCTACTT
CAGGAACACCCCATGACATTGCATTTGGGGGGCTCCCGTGGCCTGTAGAATAGCCTGTGGCCTTTC
AATTTGTTAAGGTTCAAGACAGATGGGCATATGTGTGAGTGGGGCTCTCTGAGTCTGGCCCAAAGAAG
CAAGGAACCAAATTTAAGACTCTCGCATCTTCCCAACCCCTTAAGCCCTGGCCCTGAGTTTCTTTT
CTGTCTCTCTTTTTATTTTTTATTTTTATTTTTATTTTTATTTTTGAGACAGAGCCTCGCTCTGTTACCA
GGGTGGAGTGCAGTGGTGCATCTCGGCTCAGTCAACCTCTGCTTCCAGGTTCAAGCGATTCTCTG
CCTCAGCCTCCCGAGTAGCTGGGATTACAGGTGTGACACCACACCCGGCTAATTTTTTTTATTTTTA
ATAGAGATGAGGTTTACCATGATGGCCAGGCTGATCTCGAACTCCTAACCTCAAGTGTATCTCCACC
TCAGCCTCCCAAAGTGTGGAATAATAGGCATGAGCCACTGCACCCAGGCTTTTTTTTTTTAAATTTA
TTATTATTTTTAAGAGACAGGATCTTGCTACGTTGCCAGGCTGGTCTTGAACCTCTGGGCTACAG
TGATCCTCCTGCCTATCCTCCTAAATAGCTGGGACTACAGCACCTAGTTTTGAGTTTCTGTCTTATT
TCCAATGGGGACATTCATGTAGCTTTTTTTTTTTTTTTTTTTTGGAGACGGAGTCTCGCTCTGTCGCC
AGGCTGGAGTACAGTGGCGCAATCTAGGCTCACTGCAAGCTCCGCTCCTGGGTTACACCATTCTCTC
GCCTCAGCCTCCCAAGTAGCTGGGACTACAGGCCCGCCACCACACCCGGCTAATTTTTGTATTTTT
AGTAGAGACGGGGTTTACCTTTGTTAGCCAGGATGGTTTTCCATCTCCTGACCTCGTGATCTGCCCTCT
CGGCTCCCAAAGTGTGGGATTACAGGCATGAGCCACTGCGCCCGGCCCTCATGTAGCTTTAAATGTA
TGATCTGACTTCTGCTCCCGATCTCTGTTTCTCTGGAGGAAGCCAAGGACAAGAGCAGTTGCTGTGGC
TGGGACTCTGCCTTTAGGGGAGCCGTGTATCTCTTTGGGATCCTGAAAGGGGGCAGGAAAGGCTGGG
GTCCCAGTCCACCCTAATGGTATCTGAGTGTCTAGGGCTTCAAGTTTTCCACCTGTCCAATGGGACCC
TTTTCTGCTCACCCTACAAGGGGCACAAAGGGATGACACCAAACCTGGCAGGAACTTTTACGCAATC
AAGGGAAGGAAAGGCATTCTGGCAGAGGGAACAGCATGCCAAGCGTGAGAAGGCTCAGAGTAAGGAGG
TTAAGAGCCCAAGTATTGGAGCCTACAGTTTTGCCCTTCCATGCAGTGTGACAGTGGGCAAGTTCCTT
TCCCTCTCTGGGCTCAGTTCTGTCCCCTGCAAAATGGTCAGAGCTTACCCTTGGCTGTGCAGGGTCA
ACTTTCTGACTGGTGAGAGGGATTCTCATGCAGGTTAAGCTTCTGCTGCTCCTCACCTGCAAAGCT
TTTCTGCCACTTTTGCCTCCTTGAAAACTCTTATCCATCTCTCAAACTCCAGTACCACATCCTTGC
AGCCTTCCCTCATATACCCCACTACTACTGTAGCCCTGTCTTCCCTCCAGCCCACTCTGGCCCTGG
GGCTGGGGAAGTGTCTGTGTCCAGCTGTCTCCCCTGACCTCAGGGTTCCTTGGGGCTGGGCTGAGGCC
TCAGTACAGAGGGGGCTCTGAAATGTTTGTGACTGAATAAAGGAATTCAGTGGAAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-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_000215.4](#)

Summary: The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease). [provided by RefSeq, Jul 2008]

Locus ID: 3718

MW: 72.1