

Product datasheet for **SC212972**

STAT6 (NM_003153) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: STAT6 (NM_003153) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: STAT6
Synonyms: D12S1644; IL-4-STAT; STAT6B; STAT6C
ACCN: NM_003153
Insert Size: 1194 bp
Insert Sequence: >SC212972 3'UTR clone of NM_003153

The sequence shown below is from the reference sequence of NM_003153. 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
ATGGACCTAAGGGCCAACCCAGTTGGTATCCCAGCTGGAGGGAGAACCCAAAGAGACAGCTCTTCTA
CTACCCCCACAGACCTGCTCTGGACACTTGCTCATGCCCTGCCAAGCAGCAGATGGGGAGGTGCCCTC
CTATCCCCACCTACTCCTGGGTGAGGAGAAAAGACTAACAGGAGAATGCACAGTGGGTGGAGCCAATC
CACTCCTTCTTTCTATCATTCCCTGCCACCTCCTTCCAGCACTGACTGGAAGGGAAGTTCAGGCTC
TGAGACACACCCCAACATGCCTGCACCTGCAGCGCGCACAGCACACACACATACAGAGCTCTCT
GAGGGTGATGGGGCTGAGCAGGAGGGGGCTGGGTAAGAGCACAGGTTAGGGCATGGAAGGCTTCTCCG
CCCATTCTGACCCAGGGCTAGGACGGATAGGCAGGAACATACAGACACATTTACTAGAGGCCAGGG
ATAGAGGATATTGGTCTCAGCCCTAGGGGAATGGGAAGCAGCTCAAGGGACCCTGGGTGGGAGCATAG
GAGGGTCTGGACATGTGGTACTAGTACAGTTTTGCCCTGATAAAAAATCTCCCAAAGCCCAAAAT
TCCTGTTAGCCAGGTGGAGGCTTCTGATACGTGTATGAGACTATGCAAAAGTACAAGGGCTGAGATTCT
TCGTGTATAGCTGTGTGAACGTGTATGTACCTAGGATATGTTAAATGTATAGCTGGCACCTTAGTTGCA
TGACCACATAGAACATGTGTCTATCTGCTTTTGCCTACGTGACAACAAAATTTGGGAGGGTGAGACAC
TGACAGAAAGACAGCAGCAAGTGTGCTGGCCTCTCTGACATATGCTAACCCCAAATACTCTGAATTTG
GAGTCTGACTGTGCCAAGTGGGTCCAAGTGGCTGTGACATCTACGTATGGCTCCACACCTCCAATGCT
GCCTGGGAGCCAGGGTGAGAGTCTGGGTCCAGGCCTGGCCATGTGGCCCTCCAGTGTATGAGAGGGCCC
TGCTGCTGCATCTTTCTGTTGCCCATCCACCGCCAGCTTCCCTTCACTCCCTATCCATTCTCCC
TCTCAAGGCAGGGTTCATAGATCCTAAGCCATAAAATAAAATTTATTCCAAAATAACAAAATAAATAAT
CTACTGTACACAATCTGAAAA
ACGCGTAAGCGGCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_003153.5
Summary:	The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein plays a central role in exerting IL4 mediated biological responses. It is found to induce the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4. Knockout studies in mice suggested the roles of this gene in differentiation of T helper 2 (Th2) cells, expression of cell surface markers, and class switch of immunoglobulins. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]
Locus ID:	6778
MW:	43.2