

Product datasheet for **SC213723**

STAT5A (NM_003152) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	STAT5A (NM_003152) Human 3' UTR Clone
Symbol:	STAT5A
Synonyms:	MGF; STAT5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003152
Insert Size:	1304 bp



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Insert Sequence: >SC213723 3'UTR clone of NM_003152
 The sequence shown below is from the reference sequence of NM_003152. 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
TTCACCTCTGCCAGAGGCTCCCTCTCATGAATGTTTGAATCCCACGCTTCTCTTTGGAAACAATATGCA
ATGTGAAGCGGTCGTGTTGTGAGTTTAGTAAGGCTGTGTACACTGACACCTTTGCAGGCATGCATGTGC
TTGTGTGTGTGTGTGTGTGTGTCTTGTGCATGAGCTACGCTGCCTCCCTGTGCAGTCCTGGGAT
GTGGCTGCAGCAGCGGTGGCCTCTTTTCAGATCATGGCATCCAAGAGTGCGCCGAGTCTGTCTCTGTCA
TGGTAGAGACCGAGCCTCTGCTACTGCAGGCACTCAATGCAGCCAGACCTATTCTCCTGGGCCCTCA
TCTGCTCAGCAGTATTTGAATGAGATGATTGAGAAGGGGAGGGGAGACAGGTAACGTCTGTAAGCTGA
AGTTTCACTCCGGAGTGAGAAGCTTTGCCCTCCTAAGAGAGAGAGACAGAGAGACAGAGAGAGAGAAAG
AGAGAGTGTGTGGTCTATGTAAATGCATCTGTCTCATGTGTTGATGTAACCGATTCTCTCAGAA
GGGAGGCTGGGGTTCATTTTCGAGTAGTATTTATACTTTAGTGAACGTGGACTCCAGACTCTCTGTGA
ACCTATGAGAGCGCTCTGGGCCCGGCCATGTCTTAGCACAGGGGGCCGCCGGTTTGTAGTGAGGGT
TTCTGAGCTGCTTGAATTAGTCTTGGCTGCTTGGCTTGGCTTGGCTTCAATCAAGTCTATGATGCT
GTTGCCACGTTTCCCGGATATATATTCTCTCCCTCCGTTGGGCCCCAGCCTTCTTTGCTTGCCTCT
CTGTTTGTAACTTGTGACAAAAGAGGTAGAAAAGATTGGGTCTAGGATATGGTGGGTGGACAGGGGCC
CCGGGACTTGGAGGTTGGTCTTGCCTCCTGGAAAAACAAAAACAAAAACTGCAGTGAAGACA
AGCTGCAAATCAGCCATGTGCTGCGTGCCTGTGGAATCTGGAGTGAAGGGTAAAAGCTGATCTGGTTG
ACTCCGCTGGAGGTGGGCCTGGAGCAGGCCTTGCCTGTTGCGTAACTGGCTGTGTTCTGGTGAGGCC
TTGCTCCCAACCCACACGCTCCTCCCTCTGAGGCTGTAGGACTCGCAGTCAGGGGCAGCTGACCATGG
AAGATTGAGAGCCCAAGTTTAACTTCTCTGAAGGGAGGTGGGGATGAGAAGAGGGTTTTTTTGTAC
TTTGTACAAAGACCACACATTTGTGTAACAGTGTGTTTGAATAAAATATTTTTTTCATAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_003152.4](#)

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 is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2013]

Locus ID:

6776

MW:

47.2