OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC203255

STAT4 (NM_003151) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	STAT4 (NM_003151) Human 3' UTR Clone
Symbol:	STAT4
Synonyms:	SLEB11
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003151
Insert Size:	294 bp
Insert Sequence:	>SC203255 3'UTR clone of NM_003151 The sequence shown below is from the reference sequence of NM_003151. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCAATGAAGTCTCCTTATTCTGCTGAATGACAGGATAAACTCTGACGCACCAAGAAAGGAAGCAAATGA AAAAGTTTAAAGACTGTTCTTTGCCCAATAACCACATTTTATTTCTTCAGCTTTGTAAATACCAGGTTC TAGGAAATGTTTGACATCTGAAGCTCTCTTCACACTCCCGTGGCACTCCTCAATTGGGAGTGTTGTGAC TGAAATGCTTGAAACCAAAGCTTCAGATAAACTTGCAAGATAAGACAACTTTAAGAAACCAGTGTTAAT AACAATATTAACAGAAGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_003151.4

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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 essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. Mutations in this gene may be associated with systemic lupus erythematosus and rheumatoid arthritis. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011]

Locus ID: 6775

MW: 11.4