

Product datasheet for **SC335391**

TAL1 (NM_001290405) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TAL1 (NM_001290405) Human Untagged Clone
Tag: Tag Free
Symbol: TAL1
Synonyms: bHLHa17; SCL; tal-1; TCL5
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC335391 representing NM_001290405.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

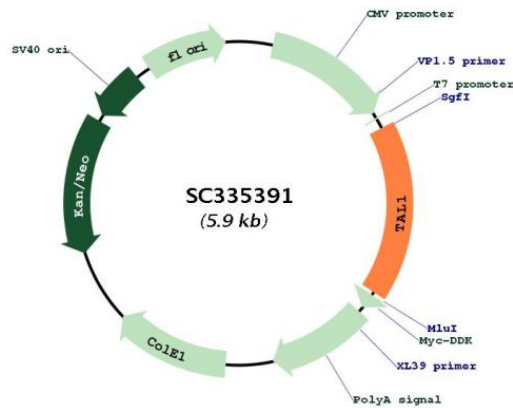
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ATGACCGAGCGGCCGCCGAGCGAGGCGGCTCGCAGTGACCCAGCTAGAGGGACGGGACGCGGCCGAG
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GCGGAGCCCCAGTCATCGAACTGGGCGCGCGGAGGCCGGGGGGCGGCCCTGCCGTTGGGGCGGC
GCCGCGAGAGACTTAAGGGCCGCGACGCGGCGACGGCCGAAGCGGCCATCGGGTGCCACCACCGAG
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GGCCGCATGGTGCAGCTGAGTCCTCCCGCGCTGGCTGCCCGCGCCCGCCCGGCCGCGCGCTGCTCTAC
AGCCTCAGCCAGCCGCTGGCCTCTCTCGCAGCGGGTTCTTTGGGAGCCGGATGCCTTCCCTATGTTC
ACCACCAACAATCGAGTGAAGAGGAGACCTTCCCTATGAGATGGAGATTACTGATGGTCCCCACACC
AAAGTTGTGCGGCGTATCTTACCAACAGCCGGGAGCGATGGCGGCAGCAGAATGTGAACGGGGCCTTT
GCCGAGCTCCGCAAGCTGATCCCCACACATCCCCGGACAAGAAGCTCAGCAAGAATGAGATCCTCCGC
CTGGCCATGAAGTATATCAACTTCTTGGCAAGCTGCTCAATGACCAGGAGGAGGAGGGCACCCAGCGG
GCCAAGACTGGCAAGGACCCTGTGGTGGGGCTGGTGGGGTGGAGGTGGGGGAGGGGGCGCGCGCCC
CCAGATGACCTCCTGCAAGACGTGCTTTCCCCAACTCCAGCTGCGGCAGCTCCTGGATGGGGCAGCC
AGCCCCGACAGCTACACGGAGGAGCCCGGCCAAGCACACGGCCCGCAGCCTCCATCCTGCCATGCTG
CCTGCCCGCGATGGAGCCGGCCCTCGGTGA
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001290405

Insert Size: 996 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001290405.1](https://www.ncbi.nlm.nih.gov/RefSeq/seq/statements/NC_019961.1)

RefSeq Size:	4647 bp
RefSeq ORF:	996 bp
Locus ID:	6886
UniProt ID:	P17542
Cytogenetics:	1p33
Protein Families:	Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
MW:	34.3 kDa
Gene Summary:	<p>Implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. Serves as a positive regulator of erythroid differentiation (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3, 4 and 5 encode the same isoform 1. Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>