

## Product datasheet for **SC335388**

### TAL1 (NM\_001287347) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TAL1 (NM_001287347) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAL1
Synonyms:	bHLHa17; SCL; tal-1; TCL5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335388 representing NM_001287347. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCGAGCGGCCGCCGAGCGAGGCGGCTCGCAGTGACCCCGAGCTAGAGGGACGGGACCGGCCGAG
GCCAGCATGGCCCCCGCACCTGGTCTGCTGAACGGCGTCCCAAGGAGACGAGCCGCGCGGCCGA
GCGGAGCCCCAGTCATCGAACTGGGCGCGCGGAGGCCGGGGGGCGGCCCTGCCGTGGGGCGGC
GCCCGAGAGACTAAAGGGCCGCGACGCGGCGACGGCCGAAGCGGCCATCGGGTGCCACCACCGAG
CTGTGCAGACCTCCGGGCCCGCCCGCCCGCCCGCCCGCTCGGTTACAGCGGAGCTGCCCGGCGAC
GGCCGCATGGTGCAGCTGAGTCTCCCGCGCTGGCTGCCCGCCCGCCCGCCCGCGCGCTGCTCTAC
AGCCTCAGCCAGCCGCTGGCCTCTCTCGGCAGCGGTTCTTTGGGAGCCGGATGCCTTCCCTATGTTT
ACCACCAACAATCGAGTGAAGAGGAGACCTTCCCTATGAGATGGAGATTACTGATGGTCCCCACACC
AAAGTTGTGCGGCGTATCTTACCAACAGCCGGGAGCGATGGCGGCAGCAGAATGTGAACGGGGCCTTT
GCCGAGCTCCGCAAGCTGATCCCCACACATCCCCGGACAAGAAGCTCAGCAAGAATGAGATCCTCCGC
CTGGCCATGAAGTATATCAACTTCTTGGCAAGCTGCTCAATGACCAGGAGGAGGAGGCCACCCAGCGG
GCCAAGACTGGCAAGGACCCTGTGGTGGGGCTGGTGGGGTGGAGGTGGGGGAGGGGCGCGCCCGCC
CCAGATGACCTCCTGCAAGACGTGCTTTCCCCAACTCCAGCTGCGGCAGCTCCTGGATGGGGCAGCC
AGCCCCGACAGCTACACGGAGGAGCCCGGCCCAAGCACACGGCCCGCAGCCTCCATCCTGCCATGCTG
CCTGCCCGCGATGGAGCCGCCCTCGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001287347
Insert Size:	996 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001287347.2</a>
<b>RefSeq Size:</b>	4664 bp
<b>RefSeq ORF:</b>	996 bp
<b>Locus ID:</b>	6886
<b>UniProt ID:</b>	<a href="#">P17542</a>
<b>Cytogenetics:</b>	1p33
<b>Protein Families:</b>	Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
<b>MW:</b>	34.3 kDa
<b>Gene Summary:</b>	<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 (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3, 4 and 5 encode the same isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>