

## Product datasheet for RN212611

### Tal1 (NM\_001107958) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tal1 (NM\_001107958) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Tal1  
 Synonyms: Tal-1  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN212611 representing NM\_001107958  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACGGAGCGGCCGCCGAGCGAGGCGGCACGCAGTGACCCTCAACTAGAGGGCAGGAGGCGGCCGAGG  
 CCCGATGGCCCCCGCACCTAGTCTGCTCAACGGCGTCACCAAGGAAACGAACCGCGCAGCCCCGGC  
 TGAGACCCAGTCATCGAGCTAGGCGCGCGCAGCAGCGCGGGGGCGGCCCGCCGGTGGGGCGGTGCC  
 GCGAGGGACTTAAAGGGCCGCGACGCTGTAGCAACTGAAGCTCGCCATCGGGTGCCACCCAGCTGT  
 GCAGACCTCCCGACCCGCCCGCAGCGCCCGCGCCCGCCTCGGCTCCTGCAGAGCTGCCCGGAGACGCCG  
 CATGGTGCAGCTGAGCCCGCCCGCTGGCAGCCCGCCCGGCCCGGCCGAGCGCTGCTCTATAGCCTT  
 AGCCAGCCGCTCGCTCACTAGGCAGTGGGTTCTTCGGGGAACCGGATGCCTTCCCCATGTTACCAACA  
 ACAACCGGTGAAGAGGAGGCCCTCCCCATATGAGATGGAGATAACGGATGGTCCCCACCAAGGTAGT  
 GCGGCGAATCTTCAACAACAGCCGGGAGCGATGGAGGCAGCAGAATGTGAATGGGCATTTGCTGAACTC  
 CGAAAGCTGATCCCCACCCATCCACCAGACAAGAAGCTAAGCAAGAATGAGATCCTCCGCTCGCCATGA  
 AGTACATCAATTTCTGGCCAAGTTGCTCAACGACCAGGAGGAGGAAGGCACCCAGCGTGCCAAGCCTGG  
 CAAGGACCCCATGGTGGGAGCTGGTGGGGTGGGGCAGGGGTGGCATACCCCTGAAGACCTTCTACAG  
 GATGTGCTTTCCCAACTCCAGCTGTGCAGCTCCCTGGATGGGGCAGCCAGCCCGGACAGTTATACAG  
 AGGAGCCAACACCAAGCACACTCCCCGCAGCCTCCATCTGCCCTACTGCCTGCTGCTGATGGGCTGG  
 CCTCGG**TGA**

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001107958



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<b>Insert Size:</b>	990 bp
<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>	<u><a href="#">NM_001107958.2</a></u> , <u><a href="#">NP_001101428.2</a></u>
<b>RefSeq Size:</b>	4225 bp
<b>RefSeq ORF:</b>	990 bp
<b>Locus ID:</b>	313507
<b>Cytogenetics:</b>	5q35