

## Product datasheet for SC126762

### SALL1 (NM\_002968) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SALL1 (NM_002968) Human Untagged Clone
Tag:	Tag Free
Symbol:	SALL1
Synonyms:	HEL-S-89; HSAL1; Sal-1; TBS; ZNF794
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126762 sequence for NM_002968 edited (data generated by NextGen Sequencing)

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ATGTCGCGGAGGAAGCAAGCGAAGCCTCAACATTTCCAATCCGACCCCGAAGTGGCCTCG
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 ATCGTCACGAGTTAA

Clone variation with respect to NM\_002968.2  
 3823 g=>a

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_002968 unedited</p> <pre> AGCATTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGGTTTGAGCCAGCA TGTCGCGGAGGAAGCAAGCGAAGCCTCAACATTTCCAATCCGACCCCGAATGGCCTCGCT CCCCGGCGGAGATGGAGACACAGAAAAGGGTCAACCGAGTCGCCCTACTAAGAGCAAGGA TGCCCACGTCTGTGGCCGGTGTGTGCCGAGTTCTTTGAATTATCAGATCTTCTGCTCCA CAAGAAGAAGTCTACTAAAAATCAATTAGTTTTAATCGTAAATGAAAAATCCAGCCTCCCC ACCCGAAACCTTCTCCCCAGCCCCCTCCTGATAATCCTGATGAACAAATGAATGACAC AGTTAACAAAACAGATCAAGTGGACTGCAGCGACCTTTCAGAACACAACGGACTTGACAG GGAAGAGTCCATGGAGGTGGAGGCCCGGTTGCTAACAAAAGCGGCAGCGGCACTTCCAG CGGCAGCCACAGCAGTACCGCCCCAAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCGGCGG CGGCGGCAGTCTCCACAGGTACCTCAGCGATCACAACCTCTCTACCTCAACTCGGGGA CCCTGACACACTGNGCAACTTCTCCGTAATCAACAGCAACGTATCATCGAGAACCTCCA GAGCACCAAGGTGGCGGTGGCCAGTTCTCCAGGAAGCGAAGTGGCGGGGGCCNTCTG GGGGCAAGCTGGCCGTCCACCCCTCATGGAACAACCTAGCTCTGCAGCAGCAGCAGA TCCACCAGCTGCCATTGATCGAACAGATTTCGTACCAAATATGGCTGGTGGCTTCTCAGA TGCAAACCTGCCAACATCTTCTAGTCTTCTA </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_002968 unedited</p> <pre> NNGGGTCTACTATGNACCGGCACGCAATCTANGATCGGTTTTTTTTTTTTTTTTTTTGG TTTTATCTGTTGCAAAAAAATGTTTTGATTACTTGAGTAAAATTACAGTATCTCTGTTG TTAGTAAGTATTAATGTTAAAGAAATTGGACCCCTTCTTTCAACTTTCCAAAGAA AGTGATGTAACAGTCCAATTTTTTTTCTTCCATACCTAAGACAAAAATAAACAACTA TACCTGCTCTCTGATCAAGAAGAAGCATTGTCTTGTAAAGAACATATGTACATTTGA ATGAAAGTGATATTTCTATTGTATATAAAGAGCATCTACATTTTCTCCACTGAAGTT GTTCAAGATGCTATACTTAGCAGCATTGTGAAATTCAGCACACATTTTCTATCGTGAAT ATACCTACAAGGCAAAATGTTACGTCTCAGTTTCAACTACAAAACAACGCTTGTTTTCT TTTTCTCTAAAGAATTCTGCGTCTTATTACTGTACAGAAATTTAATCAATTGAAGACG ACTCAAGTAAAAAGCACAAATACAATAGCAGTTCAAATGAAAATGGTTAAATCGACAAA AAAAAAGTTGAATTTTAGAATAAAAAATAAAAAACCAAACCTTTCAAAGAACCACACTGT TCAGTCTGTACTTTAGTCCCTTCTGAAATCTGTTTTGAAAGATTAGACAATGTGTTTG CTGATNAAATTTCCAGCAGGATCAAAGTGTACATGTATATACAGACTTTATTAGAGATC TAATGCATCACTGGAGCATTGCATCAACACCAGATTCATATAACTGGATATAGAAAAT AAGTTAATGCCGATTACAACCTGCCTAGCAAGGCAC </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_002968
<b>Insert Size:</b>	4700 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>NM_002968.1, NP_002959.1</u>
<b>RefSeq Size:</b>	4668 bp
<b>RefSeq ORF:</b>	3975 bp
<b>Locus ID:</b>	6299
<b>UniProt ID:</b>	<u>Q9NSC2</u>
<b>Cytogenetics:</b>	16q12.1
<b>Domains:</b>	zf-C2H2
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a zinc finger transcriptional repressor and may be part of the NuRD histone deacetylase complex (HDAC). Defects in this gene are a cause of Townes-Brocks syndrome (TBS) as well as bronchio-oto-renal syndrome (BOR). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>