

Product datasheet for **SC337658**

SALL2 (NM_001291447) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SALL2 (NM_001291447) Human Untagged Clone
Tag:	Tag Free
Symbol:	SALL2
Synonyms:	COLB; HSAL2; p150(Sal2); Sal-2; ZNF795
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001291447, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCACGAATCCGAGAGGAGCTCTCGTCTCGGGTGCCTGCGGGGAGCCGGCAGAGCTCGGAGGTG
ATGCTAGCGAGGAGGATCACCCCAAGTCTGTGCCAAGTGTGCGCACAAATCACTGACCCAACTGAATT
CCTCGCCACCAGAACGCATGTTCTACTGACCCTCCTGTAAATGGTGATAATTGGGGGCCAGGAGAACCC
AACAACTCTTCGGCCTCCTCTGAACCCCGCCTGAGGGTCACAATAATCCTCAGGTCATGGACACAGAGC
ATAGAACCCCCAGATTCTGGGTCTCCGTGCCACGGATCCCACCTGGGGCCAGAGAGGAGAGGAGA
GGAGTCTTCAGGGCATTCTCGTCTGCCACAGGGGCAGAAACGCCAAGCAGGCCTTCTCCACCTT
TACCACCCACTGGGGTACAGCATCCTTTCTGCTGGAGGGTTGGGCGAAGCCACAAACCCACCCCTG
CCCCTTCCCAGCCTTGGCAGGCAGCACAGATCAGCTGATTGCCTCGCCTCATCTGGCATTCCCAAGCAC
CACGGGACTACTGGCAGCACAGTGTCTTGGGGCAGCCGAGGCCTTGGAGCCACTGCCTCCCAGGGCTC
CTGAAGCCAAAGAATGGAAGTGGTGAAGTACGGAGAAGTGTGGTCCCTTGAGAAAGCCTGGTG
GAAGGCACAAATGCCGCTTCTGTGCCAAAGTATTTGGCAGTGACAGTGCCTGCAGATCCACCTTCGTTT
CCACACGGGTGAGAGGCCCTATAAGTGAATGTCTGTGGAACCGTTTTACCACCCGTGGCAACCTCAAA
GTGCATTTCCACCGGCATCGTGAGAAGTACCCACATGTGCAGATGAACCCACACCCAGTACCAGAGCACC
TAGACTATGTCATTACCAGCAGTGGCTTGCCTTATGGTATGTCCGTGCCACCAGAGAAGGCCGAGGAGGA
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GAGAGCCTGACTCTGCTTCCACAGTGCAGGCACAGCCACGGCTCCAGGACTCCCTGCTTTCAATAAGT
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AGCCATCAGTGGAGTGGCAGAAAGTAGCACGGCAACTCGCATGCAACTAAGTAAGTTGGTGACTTACTA
CCAAGCTGGGCACTGCTTACCAACCACTTCAAGTCCACTGGCAGCTTCCCCTTCCCCTATGTGCTGAGC
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TCTGGACCTAACCAAGTGTGTCTGTCTCCGAGTGCTTAGCTGTCTCGGGCCCTACGCCTTATTATG
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GCGTGCACATTTCTGGGCCACAAGGCCAGTCCAGCTGCCCGGGCACAGAATTCCTGCCCATCTGCCAG
AAGAAGTTCACCAATGCTGTCACTCTGCAGCAGCATGTCCGGATGCACCTGGGGGCCAGATCCCCAACG
GTGGTACTGCACTCCCTGAAGGTGGAGGAGCTGCTCAGGAGAATGGCTCCGAGCAATCTACAGTCTCCGG
GGCAGCGAGTTTCCCCCAGCAGCAGTCCCAGCAGCCATCACCGGAAGAGGAGTTGTCTGAGGAGGAGAA
GAGGAGGATGAGGAAGAAGAGGAAGATGTGACTGATGAAGATTCCTGGCAGGGAGAGGCTCAGAGAGTG
GAGGTGAGAAGGCAATATCAGTGAGAGGTGATTCAGAAGAGGCATCTGGGGCAGAGGAGGAGGTGGGGAC
AGTGGCGGCAGCAGCCACAGCTGGGAAGGAGATGGACAGTAATGAGAAAACCTACTCAACAGTCTTCTTTG
CCACCACCACCACCCTGACAGCCTGGATCAGCCTCAGCCAATGGAGCAGGGAAGCAGTGGTGTTTTAG
GAGGCAAGGAAGAGGGGGGCAAACCGGAGAGAAGCTCAAGTCCGGCATCAGCACTACCCCAAGAGGGGA
AGCCACCAGCGTGACCTTGGTAGAGGAGCTGAGCCTGCAGGAGGCAATGAGAAAGGAGCCAGGAGAGAGC
AGCAGCAGAAAGCCTGCGAAGTGTGTGGCCAGGCCTTCCCCTCCAGGCAGCTCTGGAGGAGCATCAGA
AGACCCACCCCAAGGAGGGCCGCTCTTCACTTGTGTTTTCTGCAGGCAGGCTTTCTTGGAGCGGGCTAC
CCTCAAGAAGCATATGCTCCTGGCACACCACCAGAACCAGTATGTGGCATTCTGTCAAATGGCCTGCC
ATGAAGCCTGGAATTCAGCTCCACCTCCACTACCAAGCCTGGCCCCACCAAGTGTGTTTGGCC
TAGGAACTGTGGCTGGGAAGGTGCCTCCAACAATGGGATCCAGGGAAGCCAAGGAGAAGACAGCCCCCT
CCTATTTAGCCTCTGCACCCAAGGCAGTGCCTGAGAAGCCATCATAGACAAGAAGTAG
    
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001291447

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:	<ol style="list-style-type: none">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_001291447.1 , NP_001278376.1
RefSeq Size:	3948 bp
RefSeq ORF:	2721 bp
Locus ID:	6297
UniProt ID:	Q9Y467
Cytogenetics:	14q11.2
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene encodes a protein containing multiple zinc finger domains. The encoded protein functions in optical fissure closure during development of the eye in the embryo. Mutations in this gene are associated with ocular coloboma. [provided by RefSeq, Jul 2016]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, initiates translation at an alternate start codon, and lacks two segments in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (c) has distinct N- and C-termini and is shorter than isoform a.</p>