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Product datasheet for MC223164

Sall2 (NM_015772) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sall2 (NM_015772) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sall2
Synonyms:	AI225809; AW559097; mKIAA0360; Msal-2; p150(Sal2); Sal-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223164 representing NM_015772 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCTCGGCGAAAGCAACGGAGACCCCAACAGTTAATCTCGGACTGTGAAGGTCCCAGCGCATCTGAGA ACGGTGATGCTAGCGAGGAAGACCACCCCCAAGTCTGTGCCAAATGCTGCGCACAATTCTCTGACCCGAC CGAATTCCTCGCTCACCAGAACTCATGTTGCACTGACCCACCGGTAATGGTGATAATTGGAGGCCAGGAG AATCCCAGCAACTCTTCAGCCTCCTCTGCGCCCCGACCAGAGGGCCACAGTAGGTCCCAGGTCATGGATA CAGAGCACAGCAATCCCCCAGATTCTGGGTCCTCTGGGGCCCCGGATCCCACTTGGGGGCCAGAGCGGAG GGGAGAGGAATCTTCTGGGCAATTCCTGGTCGCTGCCACAGGTACAGCGGCTGGGGGAGGTGGGGGCCTT ATCTTGGCCAGTCCCAAGCTGGGAGCAACCCCATTACCTCCAGAATCCACTCCTGCACCCCCTCCTCCCC CACCTCCCCCTCCCCCTCCAGGTGTAGGCAGTGGCCACTTGAACATTCCTCTGATCTTGGAAGAGTTGCG GGTGCTGCAGCAGCGCCAGATTCACCAGATGCAGATGACTGAACAAATCTGCCGCCAGGTGCTGCTACTT GGCTCCTTGGGGCAGACCGTGGGTGCCCCTGCCAGTCCCTCAGAGCTACCTGGGACAGGGGCTGCCTCTT CCACCAAGCCCCTACTGCCTCTCTTCAGTCCCATCAAGCCAGCGCAAACTGGCAAGACACTGGCATCTTC CTCTTCGTCATCCTCCTCCTCTGGAGCTGAACCGCCTAAGCAGGCTTTCTTCCACCTTTACCATCCACTG GGATCACAGCATCCCTTCTCTGTAGGAGGGGTTGGGCGGAGCCACAAACCCACCCCTGCCCCTTCCCCTG CGCTGCCAGGCAGTACGGATCAGCTGATTGCTTCACCTCATCTGGCATTCCCAGGCACCACCGGACTCCT GGCAGCTCAGTGTCTTGGGGCAGCAAGGGGCCTTGAGGCTGCTGCCTCCCCAGGGCTCCTGAAGCCAAAG AACGGAAGTGGTGAACTGGGCTATGGGGAAGTGATCAGTTCCTTGGAGAAACCCGGTGGAAGGCACAAAT GCCGCTTTTGTGCAAAAGTATTCGGCAGTGACAGCGCCCTGCAGATCCACCTTCGTTCCCACACTGGTGA GAGGCCCTATAAGTGCAACGTCTGTGGTAACCGTTTCACAACTCGGGGCAACCTCAAAGTACATTTTCAC CGGCATCGTGAGAAGTACCCACATGTGCAAATGAATCCACATCCAGTACCGGAGCACCTAGACTACGTCA TCACCAGCAGTGGGCTGCCTTACGGAATGTCTGTGCCACCAGAGAAAGCAGAAGAGGAGGCAGGCACACC AGGCGGAGGTGTTGAACGCAAACCCCTAGTGGCCTCCACCACAGCACTCAGTGCCACAGAGAGCCTGACA CTGCTCTCCACTGGCACAAGCACAGCAGTGGCTCCTGGGCTCCCTACTTTCAACAAGTTTGTGCTCATGA

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AGGCAGTGGAACCCAAGAGTAAAGCGGATGAGAACACGCCCCCAGGGAGTGAGGGCTCCGCCATCGCTGG
AGTAGCAGACAGTGGCTCAGCAACCCGAATGCAGCTAAGTAAGCTGGTGACGTCACTACCGAGTTGGGCA
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GTTGGCTCACCACCAGGTACCGCCCTTTGCACCCCATGGCCCTCAGAATATTGCTACTCTTTCCTTGGTC
CCTGGCTGTTCCTCCTCCATCCCTTCTCCAGGGCTCTCCCCATTCCCTCGAAAAGATGACCCCACCATGC
CATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_015772

Insert Size: 3015 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_015772.3, NP_056587.2

RefSeq Size: 5058 bp

RefSeq ORF: 3015 bp

Locus ID:	50524
UniProt ID:	Q9QX96
Cytogenetics:	14 C2
Gene Summary:	Probable transcription factor that plays a role in eye development before, during, and after optic fissure closure.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer protein (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.