

Product datasheet for RN217754

Sorl1 (NM_053519) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Sorl1 (NM_053519) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Sorl1
 Synonyms: Lr11; RGD619914
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN217754 representing NM_053519
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGACACGGAGCAGCAGGAGGGAGTCGAGACTCCCTTTCCTATTACCCTGGTCGCTCTGCTGCCCC
 CCGGGGCTCTCGGCGGGGCTGGACGCAGAGATTGCATGGTGGCGGAGCGCCCTTGCCCCAGGACCGCGG
 CTTCTTCGTGGTGCAGGGCGACCCGCAGAGCTCGGGTGGGAACGCACGGGGATGCCTGGGGGGCAGC
 CCAGCGGCCAGGAAGCCACTCAGGACGCGCGGAGCGCTGCTTTCAGCCCCAGCCTATCCAGGTGTATG
 GACAGGTGAGCCTGAATGACTCCACAATCAGATGGTGGTGCAGTGGGCTGGAGAGAAAAGCAACGTGAT
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TAGTCGGGAATAGGAACTGGAGTGATTCCAAATCCATCACCACCACAAAAGGAAAAGTGATCCAAGCA
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 AGGTCAATGGCTATGTGGTGAACCTTTTCTGGTCATTTGATGCCACAACAAGAAAAGAAAACCTTGAA
 CTTCCGAGGAGGAAGCTCGCTGTACACAAAGTGAGCAATCTGACAGCTCATACGTCCTATGAGGTTTCT
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 TACTACTGACAATTTCTTTAAAGTGTCCAACTGAAGATGGGTACAATTACACTTTCACCGTCCAGGCT
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 GATCCTGCTGAGCCTGGGAGTCGGCTTTGCCGTCTACACGAAGCACCGCCGTTACAAGCAGCTTC
 ACTGCCTTTGCCAACAGCCACTACAGCTCCAGGCTGGGCTCCGCCATCTTCTCTCCGGGGATGACCTAG
 GAGAGGACGACGAAGATGCTCCCATGATTACCGGATTCTCAGACGATGTCCCATGGTGTAGCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053519
- Insert Size:** 6648 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_053519.1](#), [NP_445971.1](#)
- RefSeq Size:** 10537 bp

RefSeq ORF: 6648 bp

Locus ID: 300652

UniProt ID: [P0DSP1](#)

Cytogenetics: 8q22

Gene Summary: may play a role in lipoprotein metabolism; increased expression occurs in response to balloon injury endothelial denudation in an experimental model for atherogenesis [RGD, Feb 2006]