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# Product datasheet for MR226826L1V

## Sall4 (NM_201395) Mouse Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Sall4 (NM_201395) Mouse Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Sall4 |
| **Synonyms:** | 5730441M18Rik; AA407717; AL022809; AW536104; C78083; C78563; C330011P20Rik; Tex20 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pLenti-C-Myc-DDK (PS100064) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_201395 |
| **ORF Size:** | 1869 bp |
| **ORF Nucleotide Sequence:** | `The ORF insert of this clone is exactly the same as(MR226826).` |
| **OTI Disclaimer:** | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| **OTI Annotation:** | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| **RefSeq:** | NM_201395.2 |
| **RefSeq Size:** | 3741 bp |
| **RefSeq ORF:** | 1872 bp |
| **Locus ID:** | 99377 |
| **UniProt ID:** | Q8BX22 |
| **Cytogenetics:** | 2 88.99 cM |

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**Gene Summary:** This gene belongs to the spalt family of zinc finger transcription factors. In mouse, functions for this gene have been described in many embryonic developmental processes, including brain, heart, and limb development. In addition, this gene is an important pluripotency factor that is required for stem cell maintenance. Homozygous mutant mice display embryonic lethality, while conditional knock-out in embryonic germ cells results in failure to establish a robust stem cell population. A pseudogene of this gene is found on chromosome 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]