

Product datasheet for **MR206595L4V**

Wnt10a (NM_009518) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Wnt10a (NM_009518) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Wnt10a |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_009518 |
| ORF Size: | 1251 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR206595). |
| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p> |
| 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_009518.1 |
| RefSeq Size: | 2487 bp |
| RefSeq ORF: | 1254 bp |
| Locus ID: | 22409 |



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UniProt ID: [P70701](#)

Cytogenetics: 1 C4

Gene Summary: Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Functions in the canonical Wnt/beta-catenin signaling pathway. Plays a role in normal ectoderm development. Required for normal tooth development. Required for normal postnatal development and maintenance of tongue papillae and sweat ducts. Required for normal proliferation of basal cells in tongue filiform papillae, plantar epithelium and sweat ducts. Required for normal expression of keratins in tongue papillae. Required for normal expression of KRT9 in foot plant epithelium. Required for normal hair follicle function. [UniProtKB/Swiss-Prot Function]