

Product datasheet for **MR221956L3V**

Ambn (NM_009664) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Ambn (NM_009664) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Ambn |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_009664 |
| ORF Size: | 1221 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR221956). |
| 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_009664.1 , NP_033794.1 |
| RefSeq Size: | 1860 bp |
| RefSeq ORF: | 1224 bp |
| Locus ID: | 11698 |
| UniProt ID: | O55189 |
| Cytogenetics: | 5 43.63 cM |



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Gene Summary:

This gene encodes an extracellular matrix glycoprotein that is involved in the formation of dental enamel. Mice lacking the encoded protein fail to undergo normal ameloblast differentiation and develop enamel. Mice overproducing the product of this gene develop thinner and more porous enamel, with disrupted rod patterns and abnormal crystallites. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2014]