

OriGene Technologies, Inc.

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Product datasheet for MR214076L3V

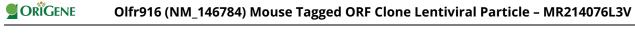
Olfr916 (NM_146784) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Lentiviral Particles
Olfr916 (NM_146784) Mouse Tagged ORF Clone Lentiviral Particle
Olfr916
MOR168-1
Puromycin
pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Myc-DDK
NM_146784
930 bp
The ORF insert of this clone is exactly the same as(MR214076).
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. <u>More info</u>
This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<u>NM 146784.1, NP 666995.1</u>
933 bp
933 bp
258780
9 A5.1



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Gene Summary:Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal
response that triggers the perception of a smell. The olfactory receptor proteins are
members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-
exon genes. Olfactory receptors share a 7-transmembrane domain structure with many
neurotransmitter and hormone receptors and are responsible for the recognition and G
protein-mediated transduction of odorant signals. The olfactory receptor gene family is the
largest in the genome. The nomenclature assigned to the olfactory receptor genes and
proteins for this organism is independent of other organisms. [provided by RefSeq, Jul 2008]

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