

Product datasheet for RC221131L4V

OriGene Technologies, Inc.

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OR10AD1 (NM_001004134) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: OR10AD1 (NM 001004134) Human Tagged ORF Clone Lentiviral Particle

Symbol: OR10AD1

Synonyms: OR10AD1P; OR12-1

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_001004134

ORF Size: 951 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC221131).

Sequence:

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 001004134.1, NP 001004134.1

 RefSeq Size:
 954 bp

 RefSeq ORF:
 954 bp

 Locus ID:
 121275

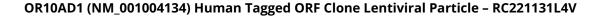
 UniProt ID:
 Q8NGE0

 Cytogenetics:
 12q13.11

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Olfactory transduction





ORIGENE

MW: 35.5 kDa

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]