

Datasheet for ABIN5480601

## Human OR911 ORF Clone in Lentiviral Vector (GFP tag)

### Overview

Quantity:	10 µg
Gene:	OR911
Species:	Human
Fusion tag:	GFP tag
Insert:	ORF
Vector:	Lentiviral Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Lentiviral Vector with ORF clone of Human olfactory receptor, family 9, subfamily I, member 1 (OR911) , C-term GFP tagged
Brand:	LentiORF
Insert Length:	945 bp
Vector Backbone:	pLenti-C-mGFP
Promoter:	CMV Promoter
Bacterial Resistance:	Chloramphenicol
Expression Type:	Transient
Specificity:	Restriction Site: SgfI-MluI
Characteristics:	<p>mGFP tagged, C-terminal</p> <p>Broad cell spectrum: Lentivirus infect most cells, dividing &amp; non-dividing, easy-to-transfect &amp; hard-to-transfect cells.</p> <p>High transduction efficiency</p> <p>Convenience: Minimal need for optimization.</p>

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## Product Details

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Safety: 3rd generation system with improved biosafety.

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Components: 10 µg of lyophilized plasmid

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## Target Details

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Gene: OR911

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Abstract: [OR911 Products](#)

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Background: 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.

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NCBI Accession: [NM\\_001005211](#), [NP\\_001005211](#)

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## Application Details

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Application Notes: Ideal For Tracking the over-expressed protein in transfected cells

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Storage: 4 °C/-20 °C

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## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)