

Datasheet for ABIN5447751

## Human DEFB131 ORF Clone in Lentiviral Vector (GFP tag)

### Overview

Quantity:	10 µg
Gene:	DEFB131
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 defensin, beta 131 (DEFB131) , C-term GFP tagged
Brand:	LentiORF
Insert Length:	213 bp
Vector Backbone:	pLenti-C-mGFP
Promoter:	CMV Promoter
Bacterial Resistance:	Chloramphenicol
Expression Type:	Transient
Specificity:	Restriction Site: Sgfl-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> <p>Safety: 3rd generation system with improved biosafety.</p>

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## Product Details

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Components: 10 µg of lyophilized plasmid

## Target Details

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Gene: DEFB131

Abstract: [DEFB131 Products](#)

Background: Defensins are cysteine-rich cationic polypeptides that are important in the immunologic response to invading microorganisms. The antimicrobial protein encoded by this gene is secreted and is a member of the beta defensin protein family. Beta defensin genes are found in several clusters throughout the genome, with this gene mapping to a cluster at 4p16.

NCBI Accession: [NM\\_001040448](#), [NP\\_001035538](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: 4 °C/-20 °C

## Publications

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