

Product datasheet for **RC211397L3V**

DEFB114 (NM_001037499) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DEFB114 (NM_001037499) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DEFB114
Synonyms:	DEFB-14; DEFB14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001037499
ORF Size:	207 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211397).
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_001037499.1
RefSeq Size:	210 bp
RefSeq ORF:	210 bp
Locus ID:	245928
UniProt ID:	Q30KQ6
Cytogenetics:	6p12.3
Protein Families:	Secreted Protein, Transmembrane
MW:	8.1 kDa



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Gene Summary:

Defensins form a family of antimicrobial and cytotoxic peptides made by neutrophils. Defensins are short, processed peptide molecules that are classified by structure into three groups: alpha-defensins, beta-defensins and theta-defensins. All beta-defensin genes are densely clustered in four to five syntenic chromosomal regions. The protein encoded by this gene is a beta-defensin with antimicrobial activity against *E. coli*, *S. aureus*, and *C. albicans*. The encoded protein also binds and neutralizes lipopolysaccharide (LPS), a factor involved in inflammatory diseases and male reproductive issues. [provided by RefSeq, Nov 2014]