

## Product datasheet for **RC215737L3V**

### **BD4 (DEFB104A) (NM\_080389) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BD4 (DEFB104A) (NM_080389) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BD4
Synonyms:	BD-4; DEFB-4; DEFB4; DEFB104; hBD-4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_080389
ORF Size:	216 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215737).
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. <a href="#">More info</a>
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:	<a href="#">NM_080389.1</a>
RefSeq Size:	281 bp
RefSeq ORF:	219 bp
Locus ID:	140596
UniProt ID:	<a href="#">Q8WTQ1</a>
Cytogenetics:	8p23.1
Protein Families:	Secreted Protein
MW:	8.5 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. Chromosome 8p23 contains at least two copies of the duplicated beta-defensin cluster. This duplication results in two identical copies of defensin, beta 104, DEFB104A and DEFB104B, in head-to-head orientation. This gene, DEFB104A, represents the more centromeric copy. [provided by RefSeq, Oct 2014]