

## Product datasheet for **RC219487L4V**

### **BD2 (DEFB4A) (NM\_004942) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BD2 (DEFB4A) (NM_004942) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BD2
Synonyms:	BD-2; DEFB-2; DEFB2; DEFB4; DEFB102; HBD-2; SAP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004942
ORF Size:	192 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219487).
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_004942.2</a>
RefSeq Size:	460 bp
RefSeq ORF:	195 bp
Locus ID:	1673
UniProt ID:	<a href="#">O15263</a>
Cytogenetics:	8p23.1
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	7 kDa



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**Gene Summary:**

Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 4, an antibiotic peptide which is locally regulated by inflammation. [provided by RefSeq, Jul 2008]