

Product datasheet for **RC221502L4V**

DEFB105B (NM_001040703) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DEFB105B (NM_001040703) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DEFB105B
Synonyms:	BD-5; DEFB-5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001040703
ORF Size:	234 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221502).
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_001040703.1
RefSeq Size:	237 bp
RefSeq ORF:	237 bp
Locus ID:	504180
UniProt ID:	Q8NG35
Cytogenetics:	8p23.1
Protein Families:	Transmembrane
MW:	8.9 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 105, DEFB105A and DEFB105B, in tail-to-tail orientation. This gene, DEFB105B, represents the more telomeric copy. [provided by RefSeq, Oct 2014]