

Product datasheet for **RC208244L4V**

beta Defensin 1 (DEFB1) (NM_005218) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	beta Defensin 1 (DEFB1) (NM_005218) Human Tagged ORF Clone Lentiviral Particle
Symbol:	beta Defensin 1
Synonyms:	BD1; DEFB-1; DEFB101; HBD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005218
ORF Size:	204 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208244).
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_005218.3
RefSeq Size:	484 bp
RefSeq ORF:	207 bp
Locus ID:	1672
UniProt ID:	P60022
Cytogenetics:	8p23.1
Domains:	Defensin_beta
Protein Families:	Secreted Protein



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MW: 7.4 kDa

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 1, an antimicrobial peptide implicated in the resistance of epithelial surfaces to microbial colonization. This gene maps in close proximity to defensin family member, defensin, alpha 1 and has been implicated in the pathogenesis of cystic fibrosis. [provided by RefSeq, Jul 2008]