

Product datasheet for **RC221558L4V**

DEFB118 (NM_054112) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DEFB118 (NM_054112) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DEFB118
Synonyms:	C20orf63; DEFB-18; ESC42; ESP13.6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_054112
ORF Size:	369 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221558).
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_054112.1
RefSeq Size:	1158 bp
RefSeq ORF:	372 bp
Locus ID:	117285
UniProt ID:	Q96PH6
Cytogenetics:	20q11.21
Protein Families:	Secreted Protein
MW:	13.6 kDa


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Gene Summary:

This gene encodes a member of the beta subfamily of defensins. Beta-defensins are antimicrobial peptides that protect tissues and organs from infection by a variety of microorganisms. Expression of this gene is regulated by androgen, and the encoded protein binds to sperm and exhibits antibacterial activity against E. coli. This gene is found in a cluster with other beta-defensin genes on the long arm of chromosome 20. [provided by RefSeq, Nov 2014]