

Product datasheet for RC223913L3

DEFB123 (NM_153324) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Tag: Myc-DDK

Symbol: DEFB123

Synonyms: DEFB-23; DEFB23; ESC42-RELD

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

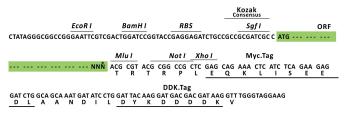
E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC223913).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_153324

ORF Size: 201 bp



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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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um

filter is required.

RefSeq: <u>NM_153324.2</u>

RefSeq Size: 397 bp

RefSeq ORF: 204 bp

Locus ID: 245936

UniProt ID: Q8N688

Cytogenetics: 20q11.21

Protein Families: Secreted Protein

MW: 8.1 kDa

Gene Summary: Defensins are cysteine-rich cationic polypeptides that are important in the host immunologic

response to invading microorganisms. This antimicrobial protein is secreted and is a member

of the beta defensin protein family. Beta defensin genes are found in several clusters

throughout the genome, with this gene mapping to a cluster at 20q11.1. Two transcript variants, one protein-coding and the other not, have been found for this gene. [provided by RefSeq, Nov

2014]