

Product datasheet for RC226266L3

OriGene Technologies, Inc.

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Complement Component 6 (C6) (NM_001115131) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Complement Component 6 (C6) (NM_001115131) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Complement Component 6

Mammalian Cell

Selection:

Puromycin

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

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

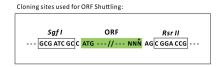
ORF Nucleotide

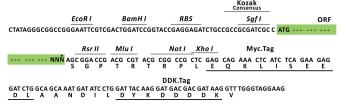
The ORF insert of this clone is exactly the same as(RC226266).

Sequence:

Restriction Sites: Sgfl-Rsrll

Cloning Scheme:





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

ACCN: NM_001115131

ORF Size: 2802 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.

RefSeq: <u>NM 001115131.1</u>

RefSeq Size:3749 bpRefSeq ORF:2805 bp

 UniProt ID:
 P13671

 Cytogenetics:
 5p13.1

Locus ID:

Protein Families: Druggable Genome, Secreted Protein

729

Protein Pathways: Complement and coagulation cascades, Prion diseases, Systemic lupus erythematosus

MW: 104.8 kDa

Gene Summary: This gene encodes a component of the complement cascade. The encoded protein is part of

the membrane attack complex that can be incorporated into the cell membrane and cause cell lysis. Mutations in this gene are associated with complement component-6 deficiency. Transcript variants encoding the same protein have been described. [provided by RefSeq, Nov

2012]