

Product datasheet for RC216195L3

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn

OriGene Technologies, Inc.

LCN12 (NM_178536) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: LCN12 (NM_178536) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: LCN12

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide

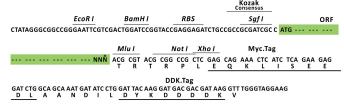
The ORF insert of this clone is exactly the same as(RC216195).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_178536

ORF Size: 576 bp



LCN12 (NM_178536) Human Tagged Lenti ORF Clone - RC216195L3

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 178536.3</u>

RefSeq Size: 694 bp RefSeq ORF: 579 bp

Locus ID: 286256

UniProt ID: Q6JVE5

Cytogenetics: 9q34.3

Protein Families: Secreted Protein

MW: 21.5 kDa

Gene Summary: Members of the lipocalin family, such as LCN12, have a common structure consisting of an 8-

stranded antiparallel beta-barrel that forms a cup-shaped ligand-binding pocket or calyx. Lipocalins generally bind small hydrophobic ligands and transport them to specific cells

(Suzuki et al., 2004 [PubMed 15363845]).[supplied by OMIM, Aug 2009]