

Product datasheet for RC208726L4

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.

VPS28 (NM_183057) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: VPS28 (NM_183057) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: VPS28

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of thi

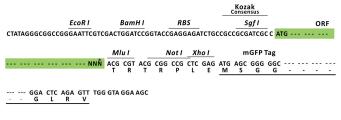
Sequence:

The ORF insert of this clone is exactly the same as(RC208726).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_183057

ORF Size: 699 bp



VPS28 (NM_183057) Human Tagged Lenti ORF Clone - RC208726L4

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 183057.1, NP 898880.1</u>

RefSeq Size: 1112 bp
RefSeq ORF: 702 bp
Locus ID: 51160
UniProt ID: Q9UK41
Cytogenetics: 8q24.3

Protein Pathways: Endocytosis

MW: 26.5 kDa

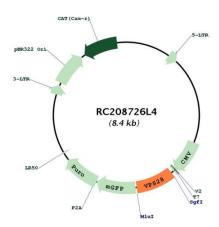
Gene Summary: This gene encodes a protein subunit of the ESCRT-I complex (endosomal complexes required

for transport), which functions in the transport and sorting of proteins into subcellular vesicles. This complex can also be hijacked to facilitate the budding of enveloped viruses from the cell membrane. Alternative splicing results in multiple transcript variants encoding

different isoforms. [provided by RefSeq, Jul 2013]



Product images:



Circular map for RC208726L4