

Product datasheet for RC203441L1

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OriGene Technologies, Inc.

COPS4 (NM_016129) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: COPS4 (NM_016129) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: COPS4

Synonyms: CSN4; SGN4

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

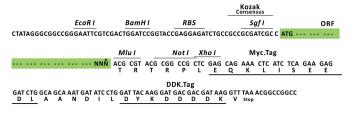
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203441).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_016129

ORF Size: 1218 bp





COPS4 (NM_016129) Human Tagged Lenti ORF Clone - RC203441L1

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 016129.2</u>

RefSeq Size: 1765 bp
RefSeq ORF: 1221 bp
Locus ID: 51138
UniProt ID: Q9BT78

Cytogenetics: 4q21.22

Domains: PCI

MW: 46.3 kDa

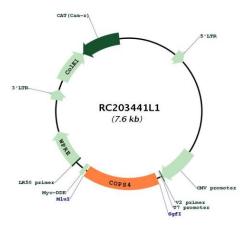
Gene Summary: This gene encodes one of eight subunits composing COP9 signalosome, a highly conserved

protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. Two transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]



Product images:



Circular map for RC203441L1