

Product datasheet for RC207324L3

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COPS8 (NM_006710) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: COPS8 (NM 006710) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: COPS8

Synonyms: COP9; CSN8; SGN8

Mammalian Cell Puromycin

Selection:

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

Sgfl-Mlul

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

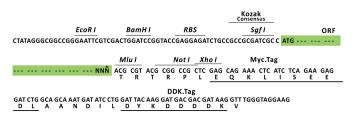
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC207324).

Sequence:

Restriction Sites: Cloning Scheme:

Sgf 1 ORF Mlu I

--- GCG ATC GC ATG --- // --- NNN ACG CGT ---



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

ACCN: NM_006710

ORF Size: 627 bp





COPS8 (NM_006710) Human Tagged Lenti ORF Clone - RC207324L3

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 006710.4</u>

 RefSeq Size:
 2274 bp

 RefSeq ORF:
 630 bp

 Locus ID:
 10920

 UniProt ID:
 Q99627

 Cytogenetics:
 2q37.3

MW: 23.2 kDa

Gene Summary: The protein encoded by this gene is one of the eight subunits of 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. Alternatively spliced transcript variants encoding distinct isoforms have been observed.

[provided by RefSeq, Jul 2008]