

## **Product datasheet for RC218138L4**

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OriGene Technologies, Inc.

### CPSF6 (NM\_007007) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** CPSF6 (NM 007007) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: CPSF6

Synonyms: CFIM; CFIM68; CFIM72; HPBRII-4; HPBRII-7

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC218138).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NM\_007007

ORF Size: 1653 bp



#### CPSF6 (NM\_007007) Human Tagged Lenti ORF Clone - RC218138L4

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

**RefSeq:** <u>NM 007007.2</u>

RefSeq Size: 6630 bp RefSeq ORF: 1656 bp

**Locus ID:** 11052

UniProt ID: Q16630

**Cytogenetics:** 12q15

Domains: RRM

**MW:** 59.2 kDa

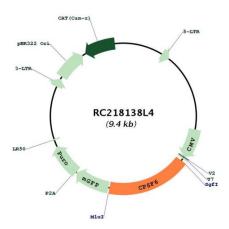
**Gene Summary:** The protein encoded by this gene is one subunit of a cleavage factor required for 3' RNA

cleavage and polyadenylation processing. The interaction of the protein with the RNA is one of the earliest steps in the assembly of the 3' end processing complex and facilitates the recruitment of other processing factors. The cleavage factor complex is composed of four polypeptides. This gene encodes the 68kD subunit. It has a domain organization reminiscent

of spliceosomal proteins. [provided by RefSeq, Jul 2008]



# **Product images:**



Circular map for RC218138L4