

Product datasheet for RC229724L4

OriGene Technologies, Inc.

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C1orf86 (FAAP20) (NM_001146310) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: C1orf86 (FAAP20) (NM_001146310) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: C1orf86

Synonyms: C1orf86; FP7162

Mammalian Cell

Selection:

Puromycin

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(RC229724).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001146310

ORF Size: 690 bp



C1orf86 (FAAP20) (NM_001146310) Human Tagged Lenti ORF Clone - RC229724L4

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 001146310.1, NP 001139782.1</u>

 RefSeq ORF:
 693 bp

 Locus ID:
 199990

 Cytogenetics:
 1p36.33

 MW:
 25.4 kDa

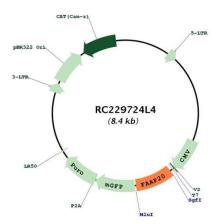
Gene Summary: Component of the Fanconi anemia (FA) complex required to recruit the FA complex to DNA

interstrand cross-links (ICLs) and promote ICLs repair. Following DNA damage recognizes and binds 'Lys-63'-linked ubiquitin generated by RNF8 at ICLs and recruits other components of the FA complex. Promotes translesion synthesis via interaction with REV1.[UniProtKB/Swiss-

Prot Function]



Product images:



Circular map for RC229724L4