

### **Product datasheet for RR206667L3**

# Fbxl15 (NM\_001107603) Rat Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** Fbxl15 (NM\_001107603) Rat Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Fbxl15

Synonyms: RGD1306444

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RR206667).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** NM\_001107603

ORF Size: 900 bp



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#### Fbxl15 (NM\_001107603) Rat Tagged Lenti ORF Clone - RR206667L3

**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 001107603.1</u>, <u>NP 001101073.1</u>

 RefSeq Size:
 1346 bp

 RefSeq ORF:
 903 bp

 Locus ID:
 309453

 UniProt ID:
 D4ABB4

 Cytogenetics:
 1q54

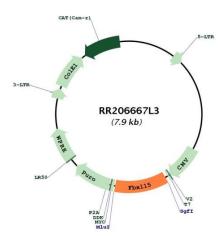
**Gene Summary:** Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein

ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of SMURF1, thereby acting as a positive regulator of the BMP signaling pathway. Required for dorsal/ventral pattern formation. Also mediates ubiquitination of SMURF2 and WWP2 (By

similarity). Required for bone mass maintenance.[UniProtKB/Swiss-Prot Function]



## **Product images:**



Circular map for RR206667L3