

Product datasheet for **RR206667L4V**

Fbxl15 (NM_001107603) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fbxl15 (NM_001107603) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Fbxl15
Synonyms:	RGD1306444
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001107603
ORF Size:	900 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR206667).
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.
RefSeq:	NM_001107603.1 , NP_001101073.1
RefSeq Size:	1346 bp
RefSeq ORF:	903 bp
Locus ID:	309453
UniProt ID:	D4ABB4
Cytogenetics:	1q54


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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]