

Product datasheet for **MR206822L3V**

Fbxl3 (NM_015822) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fbxl3 (NM_015822) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fbxl3
Synonyms:	AU041772; AW212966; FBK; Fbl3a; Fbxl3a; Ovtm; Play68
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015822
ORF Size:	1284 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206822).
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_015822.2
RefSeq Size:	4265 bp
RefSeq ORF:	1287 bp
Locus ID:	50789
UniProt ID:	Q8C4V4
Cytogenetics:	14 E2.3



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Gene Summary:

Substrate-recognition component of the SCF(FBXL3) E3 ubiquitin ligase complex involved in circadian rhythm function. Plays a key role in the maintenance of both the speed and the robustness of the circadian clock oscillation. The SCF(FBXL3) complex mainly acts in the nucleus and mediates ubiquitination and subsequent degradation of CRY1 and CRY2. Activity of the SCF(FBXL3) complex is counteracted by the SCF(FBXL21) complex.[UniProtKB/Swiss-Prot Function]