

## Product datasheet for **MR203890L4V**

### **Fbxo45 (NM\_173439) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	Fbxo45
<b>Synonyms:</b>	2610017J04Rik; A1463119; BC026799
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_173439
<b>ORF Size:</b>	858 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(MR203890).

**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\\_173439.2](#), [NP\\_775615.2](#)

**RefSeq Size:** 4110 bp

**RefSeq ORF:** 861 bp

**Locus ID:** 268882

**UniProt ID:** [Q8K3B1](#)

**Cytogenetics:** 16 B2



**Gene Summary:**

Component of E3 ubiquitin ligase complexes. Required for normal neuromuscular synaptogenesis, axon pathfinding and neuronal migration. Plays a role in the regulation of neurotransmission at mature neurons (By similarity). May control synaptic activity by controlling UNC13A via ubiquitin dependent pathway. Specifically recognizes TP73, promoting its ubiquitination and degradation (By similarity).[UniProtKB/Swiss-Prot Function]