

Product datasheet for **MR207690L4V**

Fbxo3 (NM_212433) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Fbxo3
Synonyms:	I200002G09Rik; I700026K02Rik; AI046358; Fba
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_212433
ORF Size:	1440 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR207690).

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_212433.1 , NP_997598.1
RefSeq Size:	4659 bp
RefSeq ORF:	1443 bp
Locus ID:	57443
UniProt ID:	Q9DC63
Cytogenetics:	2 E2



Gene Summary:

Substrate recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Mediates the ubiquitination of HIPK2 and probably that of EP300, leading to rapid degradation by the proteasome. In the presence of PML, HIPK2 ubiquitination still occurs, but degradation is prevented. PML, HIPK2 and FBXO3 may act synergically to activate p53/TP53-dependent transactivation (By similarity).[UniProtKB/Swiss-Prot Function]