

## Product datasheet for **MR211937L4V**

### Mybbp1a (NM\_016776) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Mybbp1a (NM_016776) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mybbp1a
Synonyms:	AL024407; AU019902; p67MBP; P160; p160MBP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016776
ORF Size:	4032 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211937).
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. <a href="#">More info</a>
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:	<a href="#">NM_016776.2</a>
RefSeq Size:	4215 bp
RefSeq ORF:	4035 bp
Locus ID:	18432
UniProt ID:	<a href="#">Q7TPV4</a>
Cytogenetics:	11 44.29 cM



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**Gene Summary:**

May activate or repress transcription via interactions with sequence specific DNA-binding proteins (PubMed:9447996, PubMed:11956195, PubMed:14744933). Repression may be mediated at least in part by histone deacetylase activity (HDAC activity) (PubMed:14744933). Acts as a corepressor and in concert with CRY1, represses the transcription of the core circadian clock component PER2 (PubMed:19129230). Preferentially binds to dimethylated histone H3 'Lys-9' (H3K9me2) on the PER2 promoter (PubMed:19129230). Has a role in rRNA biogenesis together with PWP1 (By similarity).[UniProtKB/Swiss-Prot Function]