

Product datasheet for **MR222463L4V**

Paxbp1 (NM_026110) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Paxbp1 (NM_026110) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Paxbp1
Synonyms:	1810007M14Rik; C21orf66; Gcfc; Gcfc1; Pax3/7bp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026110
ORF Size:	2757 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222463).
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_026110.2 , NP_080386.3
RefSeq Size:	3809 bp
RefSeq ORF:	2760 bp
Locus ID:	67367
UniProt ID:	P58501
Cytogenetics:	16 C3.3



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Gene Summary:

Adapter protein linking the transcription factors PAX3 and PAX7 to the histone methylation machinery and involved in myogenesis. Associates with a histone methyltransferase complex that specifically mediates dimethylation and trimethylation of 'Lys-4' of histone H3. Mediates the recruitment of that complex to the transcription factors PAX3 and PAX7 on chromatin to regulate the expression of genes involved in muscle progenitor cells proliferation including ID3 and CDC20.[UniProtKB/Swiss-Prot Function]