

## Product datasheet for **MR213256L4V**

### Abcb5 (NM\_029961) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Abcb5 (NM_029961) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Abcb5
Synonyms:	9230106F14Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_029961
ORF Size:	3765 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR213256).
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_029961.2</a> , <a href="#">NP_084237.1</a>
RefSeq Size:	3876 bp
RefSeq ORF:	3768 bp
Locus ID:	77706
UniProt ID:	<a href="#">B5X0E4</a>
Cytogenetics:	12 F2



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**Gene Summary:**

Drug efflux transporter present in a number of stem cells that acts as a regulator of cellular differentiation. Able to mediate efflux from cells of the rhodamine dye and of the therapeutic drug doxorubicin. Specifically present in limbal stem cells, where it plays a key role in corneal development and repair.[UniProtKB/Swiss-Prot Function]