

Product datasheet for **MR204688L4V**

Rbks (NM_153196) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rbks (NM_153196) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rbks
Synonyms:	5230400M11Rik; AI326806; RBSK; RK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153196
ORF Size:	972 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204688).
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_153196.1 , NP_694876.1
RefSeq Size:	1047 bp
RefSeq ORF:	972 bp
Locus ID:	71336
UniProt ID:	Q8R1Q9
Cytogenetics:	5 B1



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Gene Summary:

Catalyzes the phosphorylation of ribose at O-5 in a reaction requiring ATP and magnesium. The resulting D-ribose-5-phosphate can then be used either for synthesis of nucleotides, histidine, and tryptophan, or as a component of the pentose phosphate pathway.
[UniProtKB/Swiss-Prot Function]