

Product datasheet for **MR227680L4V**

Rps6kb2 (NM_021485) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rps6kb2 (NM_021485) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rps6kb2
Synonyms:	70kDa; S6K-beta-2; S6K2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021485
ORF Size:	1455 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227680).
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_021485.2
RefSeq Size:	1491 bp
RefSeq ORF:	1458 bp
Locus ID:	58988
UniProt ID:	Q9Z1M4
Cytogenetics:	19 A



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Gene Summary:

Phosphorylates specifically ribosomal protein S6. Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7.[UniProtKB/Swiss-Prot Function]