

Product datasheet for **MR211377L3V**

Rab3gap1 (NM_178690) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rab3gap1 (NM_178690) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rab3gap1
Synonyms:	1700003B17Rik; 4732493F09Rik; AL117896; p130; Rab3gap
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_178690
ORF Size:	2943 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211377).
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_178690.4 , NP_848805.2
RefSeq Size:	4251 bp
RefSeq ORF:	2946 bp
Locus ID:	226407
UniProt ID:	Q80UJ7
Cytogenetics:	1 E3



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Gene Summary:

Probable catalytic subunit of a GTPase activating protein that has specificity for Rab3 subfamily (RAB3A, RAB3B, RAB3C and RAB3D). Rab3 proteins are involved in regulated exocytosis of neurotransmitters and hormones. Specifically converts active Rab3-GTP to the inactive form Rab3-GDP. Required for normal eye and brain development. May participate in neurodevelopmental processes such as proliferation, migration and differentiation before synapse formation, and non-synaptic vesicular release of neurotransmitters (By similarity). [UniProtKB/Swiss-Prot Function]