

Product datasheet for **MR211926L3V**

Plekhg2 (BC052436) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plekhg2 (BC052436) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plekhg2
Synonyms:	Clg, Cslg
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC052436
ORF Size:	3969 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211926).
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:	BC052436 , AAH52436
RefSeq Size:	4478 bp
RefSeq ORF:	3971 bp
Locus ID:	101497
Cytogenetics:	7 16.71 cM


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Gene Summary:

May be a transforming oncogene with exchange activity for CDC42. May be a guanine-nucleotide exchange factor (GEF) for RAC1 and CDC42 (PubMed:11839748). Activated by the binding to subunits beta and gamma of the heterotrimeric guanine nucleotide-binding protein (G protein) (By similarity). Involved in the regulation of actin polymerization (By similarity).[UniProtKB/Swiss-Prot Function]