

Product datasheet for **RC226331L4V**

PLEKHG4 (NM_001129731) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PLEKHG4 (NM_001129731) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLEKHG4
Synonyms:	ARHGEF44; PRTPHN1; SCA4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001129731
ORF Size:	3330 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226331).
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_001129731.1
RefSeq ORF:	3333 bp
Locus ID:	25894
UniProt ID:	Q58EX7
Cytogenetics:	16q22.1
MW:	122.7 kDa


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Gene Summary:

The protein encoded by this gene can function as a guanine nucleotide exchange factor (GEF) and may play a role in intracellular signaling and cytoskeleton dynamics at the Golgi apparatus. Polymorphisms in the region of this gene have been found to be associated with spinocerebellar ataxia in some study populations. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]