

Product datasheet for RC215546L4V

PLEKHM1 (NM_014798) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PLEKHM1 (NM_014798) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLEKHM1
Synonyms:	AP162; B2; OPTA3; OPTB6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014798
ORF Size:	3168 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215546).
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_014798.1
RefSeq Size:	5313 bp
RefSeq ORF:	3171 bp
Locus ID:	9842
UniProt ID:	Q9Y4G2
Cytogenetics:	17q21.31
MW:	117.4 kDa


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Gene Summary:

The protein encoded by this gene is essential for bone resorption, and may play a critical role in vesicular transport in the osteoclast. Mutations in this gene are associated with autosomal recessive osteopetrosis type 6 (OPTB6). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2009]