

Product datasheet for **RC213526L4V**

NHLRC1 (NM_198586) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NHLRC1 (NM_198586) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NHLRC1
Synonyms:	bA204B7.2; EPM2A; EPM2B; MALIN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198586
ORF Size:	1185 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213526).
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_198586.2
RefSeq Size:	2134 bp
RefSeq ORF:	1188 bp
Locus ID:	378884
UniProt ID:	Q6VVB1
Cytogenetics:	6p22.3
Protein Pathways:	Ubiquitin mediated proteolysis
MW:	42.3 kDa



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Gene Summary:

The protein encoded by this gene is a single subunit E3 ubiquitin ligase. Laforin is polyubiquitinated by the encoded protein. Defects in this intronless gene lead to an accumulation of laforin and onset of Lafora disease, also known as progressive myoclonic epilepsy type 2 (EPM2).[provided by RefSeq, Mar 2010]