

## Product datasheet for **RC202611L4V**

### **ANKH (NM\_054027) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	ANKH (NM_054027) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ANKH
Synonyms:	ANK; CCAL2; CMDJ; CPPDD; HANK; MANK; SLC62A1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_054027
ORF Size:	1476 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202611).
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. <a href="#">More info</a>
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:	<a href="#">NM_054027.3</a>
RefSeq Size:	8224 bp
RefSeq ORF:	1479 bp
Locus ID:	56172
UniProt ID:	<a href="#">Q9HCJ1</a>
Cytogenetics:	5p15.2
Protein Families:	Druggable Genome, Transmembrane
MW:	54.2 kDa



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**Gene Summary:**

This gene encodes a multipass transmembrane protein that is expressed in joints and other tissues and controls pyrophosphate levels in cultured cells. Progressive ankylosis-mediated control of pyrophosphate levels has been suggested as a possible mechanism regulating tissue calcification and susceptibility to arthritis in higher animals. Mutations in this gene have been associated with autosomal dominant craniometaphyseal dysplasia. [provided by RefSeq, Jul 2008]