

## Product datasheet for **RC228937L4V**

### KRT72 (NM\_001146225) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	KRT72 (NM_001146225) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KRT72
Synonyms:	CK-72; K6irs; K6IRS2; K72; KRT6; KRT6IRS2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001146225
ORF Size:	1533 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228937).
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_001146225.1</a>
RefSeq Size:	1903 bp
RefSeq ORF:	1536 bp
Locus ID:	140807
UniProt ID:	<a href="#">Q14CN4</a>
Cytogenetics:	12q13.13
MW:	55.9 kDa



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**Gene Summary:**

Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells. The type II keratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This gene encodes a type II keratin that is specifically expressed in the inner root sheath of hair follicles. The type II keratins are clustered in a region of chromosome 12q12-q13. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2009]