

## Product datasheet for **RC223146L2V**

### Cytokeratin 1 (KRT1) (NM\_006121) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cytokeratin 1 (KRT1) (NM_006121) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cytokeratin 1
Synonyms:	CK1; EHK; EHK1; EPPK; K1; KRT1A; NEPPK
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006121
ORF Size:	1932 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223146).
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_006121.2</a> , <a href="#">NP_006112.2</a>
RefSeq Size:	2507 bp
RefSeq ORF:	1935 bp
Locus ID:	3848
UniProt ID:	<a href="#">P04264</a>
Cytogenetics:	12q13.13
Protein Families:	Druggable Genome
MW:	65.9 kDa



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**Gene Summary:**

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins 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 type II cytokeratin is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]