

## Product datasheet for **MR217672L4V**

### Krtap7 (Krtap7-1) (NM\_027771) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Krtap7 (Krtap7-1) (NM_027771) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Krtap7-1
Synonyms:	5430433J05Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027771
ORF Size:	261 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217672).
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_027771.1</a> , <a href="#">NP_082047.1</a>
RefSeq Size:	641 bp
RefSeq ORF:	264 bp
Locus ID:	71363
UniProt ID:	<a href="#">Q9D3I6</a>
Cytogenetics:	16 C3.3



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**Gene Summary:**

In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.[UniProtKB/Swiss-Prot Function]