

Product datasheet for **RC224828L3V**

KRTAP5-6 (NM_001012416) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	KRTAP5-6
Synonyms:	KRTAP5.6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001012416
ORF Size:	387 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC224828).

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_001012416.1 , NP_001012416.1
RefSeq Size:	561 bp
RefSeq ORF:	390 bp
Locus ID:	440023
UniProt ID:	Q6L8G9
Cytogenetics:	11p15.5



MW: 11.8 kDa

Gene Summary: In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated protein (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]