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Product datasheet for RC229456

C6ORF199 (AK9) (NM_001145128) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6ORF199 (AK9) (NM_001145128) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	AK9
Synonyms:	AK 9; AKD1; AKD2; C6orf199; C6orf224; dJ70A9.1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC229456 representing NM_001145128 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC229456 representing NM_001145128
Red=Cloning site Green=Tags(s)

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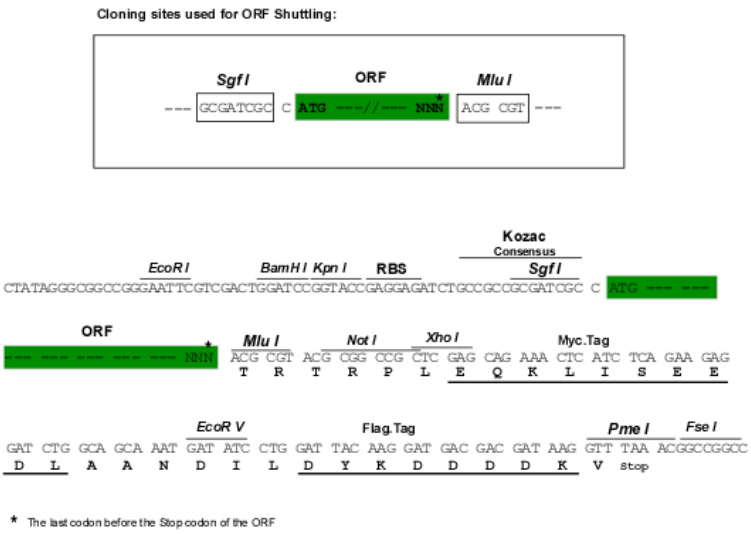
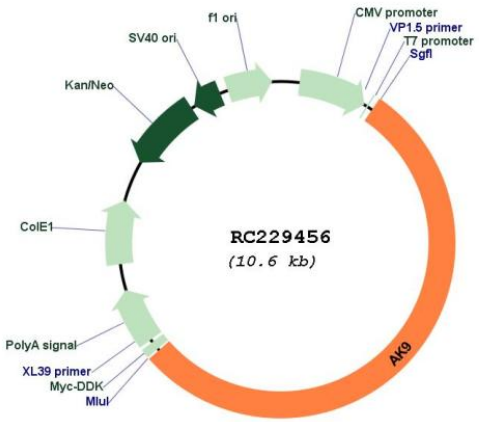
Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001145128

ORF Size: 5733 bp

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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001145128.2, NP_001138600.2
RefSeq ORF:	5736 bp
Locus ID:	221264
UniProt ID:	Q5TCS8
Cytogenetics:	6q21
MW:	221.2 kDa
Gene Summary:	The protein encoded by this gene catalyzes the interconversion of nucleosides, possessing both nucleoside monophosphate and diphosphate kinase activities. The encoded protein uses these interconversions to maintain nucleoside homeostasis. [provided by RefSeq, Jul 2016]