

Product datasheet for RC220179

KIAA0586 (NM_014749) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA0586 (NM_014749) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KIAA0586
Synonyms:	JBTS23; SRTD14; Talpid3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC220179 representing NM_014749 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RC220179 representing NM_014749
 Red=Cloning site Green=Tags(s)

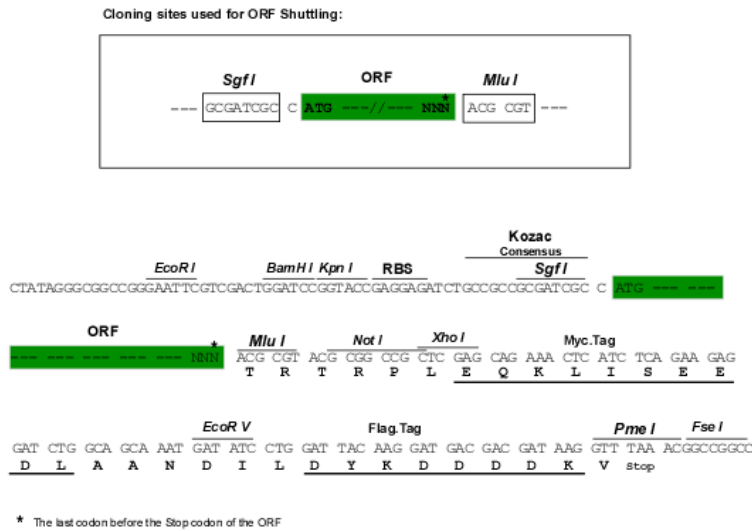
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Chromatograms: https://cdn.origene.com/chromatograms/mk8116_b08.zip

Restriction Sites: SgfI-MluI

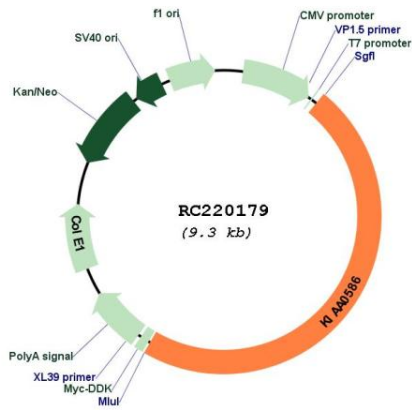
Cloning Scheme:



ACCN: NM_014749

ORF Size:	4416 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:	<ol style="list-style-type: none">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_014749.5
RefSeq Size:	4994 bp
RefSeq ORF:	4419 bp
Locus ID:	9786
UniProt ID:	Q9BVV6
Cytogenetics:	14q23.1
MW:	161.7 kDa
Gene Summary:	This gene encodes a conserved centrosomal protein that functions in ciliogenesis and responds to hedgehog signaling. Mutations in this gene causes Joubert syndrome 23. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Aug 2016]

Product images:



Circular map for RC220179