

Product datasheet for **RC223345**

KIAA0802 (MTCL1) (NM_015210) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	KIAA0802
Synonyms:	CCDC165; KIAA0802; SOGA2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC223345 representing NM_015210
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC223345 representing NM_015210

Red=Cloning site Green=Tags(s)

MEEMRDSYLEEDVYQLQELRRELDNRANKNCRIQLYRLKAEQKSLKVAETGQVDGELIRSLEQDLKVAKD
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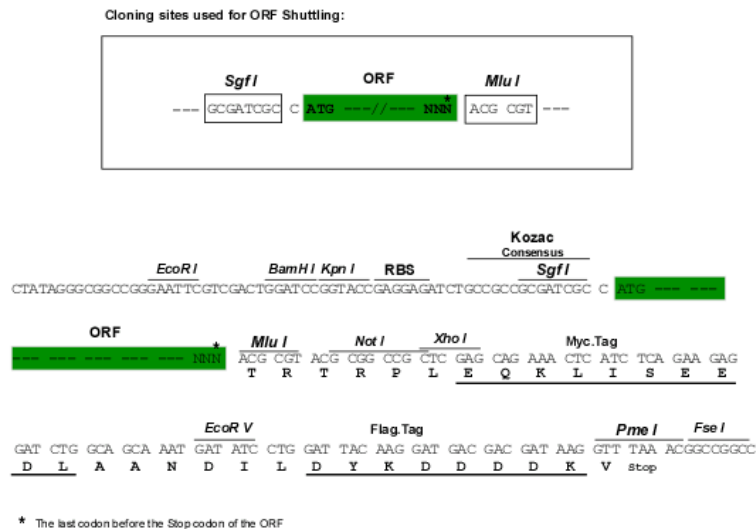
Chromatograms:

https://cdn.origene.com/chromatograms/mk8046_c05.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

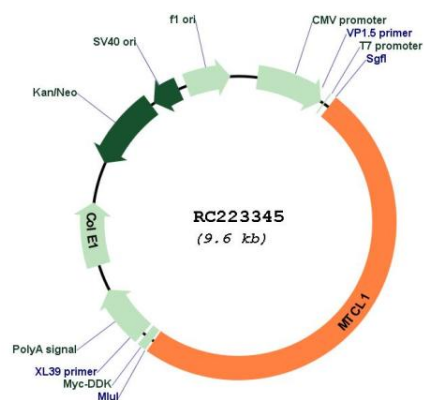


ACCN:

NM_015210

ORF Size:	4758 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_015210.2
RefSeq Size:	5392 bp
RefSeq ORF:	4761 bp
Locus ID:	23255
UniProt ID:	Q9Y4B5
Cytogenetics:	18p11.22
MW:	177.8 kDa
Gene Summary:	Microtubule-associated factor involved in the late phase of epithelial polarization and microtubule dynamics regulation. Plays a role in the development and maintenance of non-centrosomal microtubule bundles at the lateral membrane in polarized epithelial cells. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC223345