

Product datasheet for RC211581

CEP152 (NM_014985) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEP152 (NM_014985) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CEP152
Synonyms:	MCPH4; MCPH9; SCKL5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC211581 representing NM_014985 Red=Cloning site Blue=ORF Green=Tags(s)

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ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211581 representing NM_014985

Red=Cloning site Green=Tags(s)

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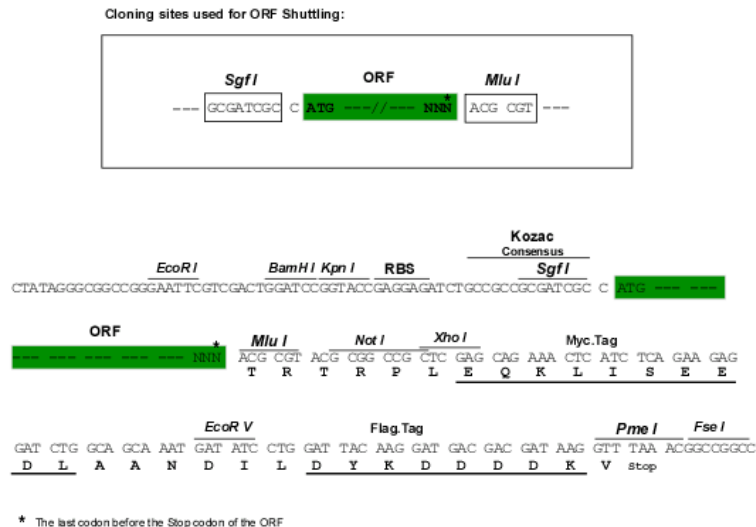
Chromatograms:

https://cdn.origene.com/chromatograms/mk8101_a03.zip

Restriction Sites:

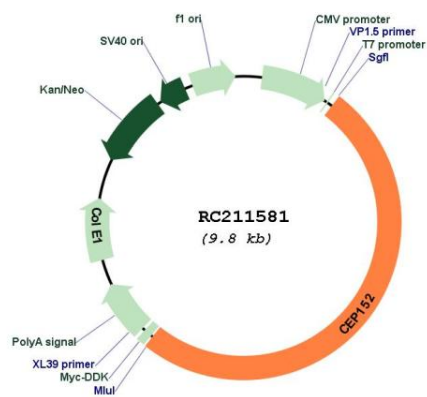
SgfI-MluI

Cloning Scheme:



ACCN:	NM_014985
ORF Size:	4962 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_014985.4
RefSeq Size:	5478 bp
RefSeq ORF:	4965 bp
Locus ID:	22995
UniProt ID:	O94986
Cytogenetics:	15q21.1
MW:	189.1 kDa
Gene Summary:	This gene encodes a protein that is thought to be involved with centrosome function. Mutations in this gene have been associated with primary microcephaly (MCPH4). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2010]

Product images:



Circular map for RC211581