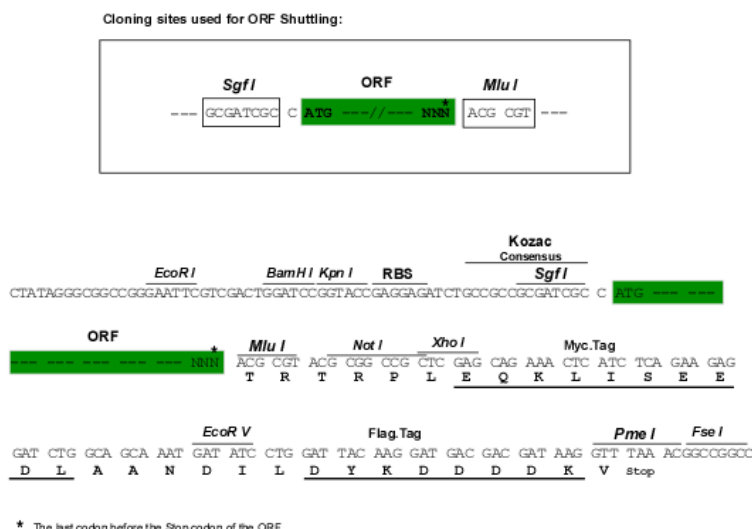


Chromatograms: https://cdn.origene.com/chromatograms/mk6342_d06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016403

ORF Size: 687 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.

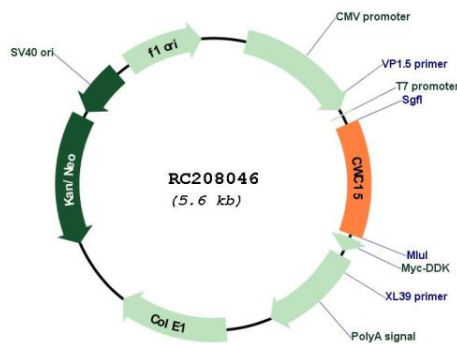
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_016403.4](#)

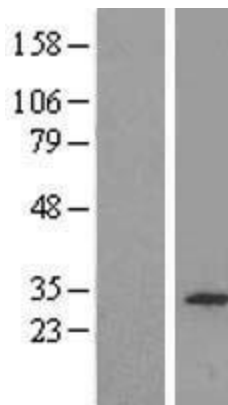
RefSeq Size: 1592 bp

RefSeq ORF:	690 bp
Locus ID:	51503
UniProt ID:	<u>Q9P013</u>
Cytogenetics:	11q21
Domains:	Cwf_Cwc_15
Protein Pathways:	Spliceosome
MW:	26.6 kDa
Gene Summary:	Involved in pre-mRNA splicing as component of the spliceosome (PubMed:28502770, PubMed:28076346). Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]

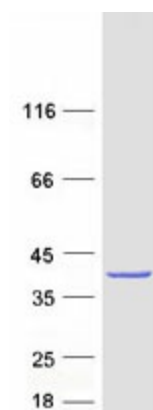
Product images:



Circular map for RC208046



Western blot validation of overexpression lysate (Cat# [LY414000]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC208046 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified CWC15 protein (Cat# [TP308046]). The protein was produced from HEK293T cells transfected with CWC15 cDNA clone (Cat# RC208046) using MegaTran 2.0 (Cat# [TT210002]).