

Product datasheet for RC236011

CENPS-CORT (NM_001243768) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	CENPS-CORT
Synonyms:	APITD1; APITD1-CORT; CENP-S; CENPS; FAAP16; MHF1
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC236011 representing NM_001243768
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCTCCAGACGCGGGAGTTTCTCTCTACAAAGTTACACTGCAGCAGCTGTCTACCCTGCCCTTGT
CTTTTGAGAAGTTCAAACCTTCAGAAAAGTTGCAAGAACACGAAAATTTTGCCAAAGACCTTGAAATGTT
TGCAAGACATGCGAAAAGAACCACAATTAACTGAAGATGTGAAGCTCTAGCCAGGAGGAGTAATTCA
CTGCATATGCAGGAAGCGGCAGGAATAAGGAAAAGCAGCCTCTGACTTTCTCGCTTGGTGGTTTGAGT
GGACCTCCAGGCCAGTGCCGGGCCCTCATAGGAGAGGAAGCCCGGAGGTGGCCAGGCGGCAGGAAGG
CGCACCCCCCAGCAATCTGCGCGCCGGGACAGAATGCCCTGCAGGAATTCTTCTGGAAGACCTTCTCC
TCCTGCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236011 representing NM_001243768
Red=Cloning site Green=Tags(s)

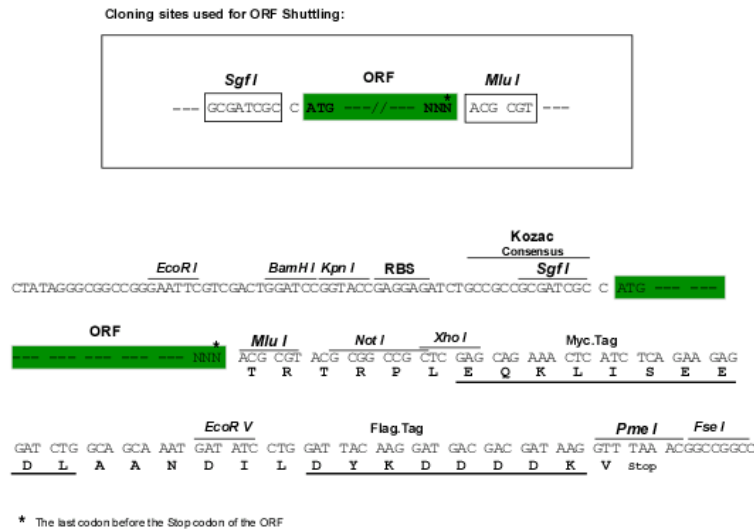
MSSRRGSFLSTKLHCSSCLPCPLSFEKFKPSEKLQEHENFAKDLEMFARHAKRTTINTEDVKLLARRSNS
LHMQEAAAGIRKSSLLTFLAWFEWTSQASAGPLIGEEAREVARRQEGAPPOQSARRDRMPCRNFFWKTF
SCK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: NM_001243768

ORF Size: 429 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.

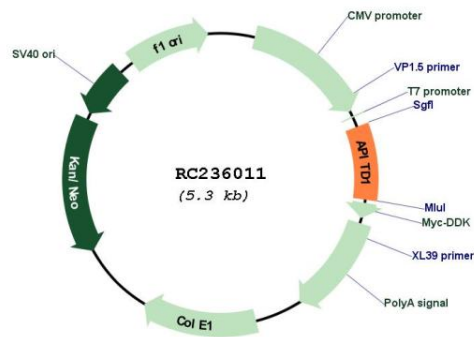
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001243768.2](#)

RefSeq Size: 1383 bp
 RefSeq ORF: 432 bp
 Locus ID: 100526739
 Cytogenetics: 1p36.22
 MW: 16.9 kDa

Gene Summary: This locus represents naturally occurring read-through transcription between the neighboring APITD1 (apoptosis-inducing, TAF9-like domain 1) and CORT (cortistatin) genes. Alternative splicing results in multiple transcript variants, two of which encode fusion proteins that share sequence identity with the products of each individual gene. [provided by RefSeq, Aug 2011]

Product images:



Circular map for RC236011