

Product datasheet for **RR204426**

Colec10 (NM_001130541) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Colec10 (NM_001130541) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Colec10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR204426 representing NM_001130541 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGGCTGTAGAGTCTGCTTGAAGAAACCAGTTCATCCTGCTGCTGCTGTTTCTCTTGCACCTTTC
AGAGTCTGGTCTGGATGTTGATGGTCTGCTGTCAGAAGTCTGTGCACACATACCATTTCACCAGG
ACCTAAAGGAGATAATGGTGAAAGAGGTGACACAGGAGAAGAAGCAAGGATGGCAAAGTGGGACGCCAA
GGACAAAAGGAGTTAAAGGAGAGCTGGGTGATATGGGAGCCCAGGGCGATATTGGCAAGTCTGGTCCTA
TTGGCAAGAAGGGTGACAAGGAGAGAAAGGTCTGCTTGGGGTACCTGGAGAAAAAGGCAAGGCAGGTAC
CATCTGCGACTGTGGCAGATACCGAAAGTGGTTGGACAAGTGGATATTAGTGTGCTCGTCTTAAGACA
TCAATGAAATTCATCAAGAATGTCATAGCAGGGATCCGGGAAACTGAAGAGAAATCTACTACATTGTGC
AGGAGGAAAAGAACTACAGGGAATCTCTGACCCACTGCAGGATCCGGGGAGGGATGCTGGCCATGCCTAA
GGATGAAGTTGTTAACTCTTATTGCTGACTATGTCGCCAAGAGTGGCTTCTTCAGAGTGTTCATTGGC
GTGAATGACCTTGAGAAGGAGGGCAATATGTGTTACAGACAACACTCCATTGCAGAACTACAGCAACT
GGAAGGAGGGGAGCCTAGTGACCCTATGGCCATGAGGACTGTGTGGAGATGCTGAGCTCTGGCAGGTG
GAACGACACAGAGTGTCATCTTACCATGTATTTGTCTGTGAGTTGTCAAGAAGAAAAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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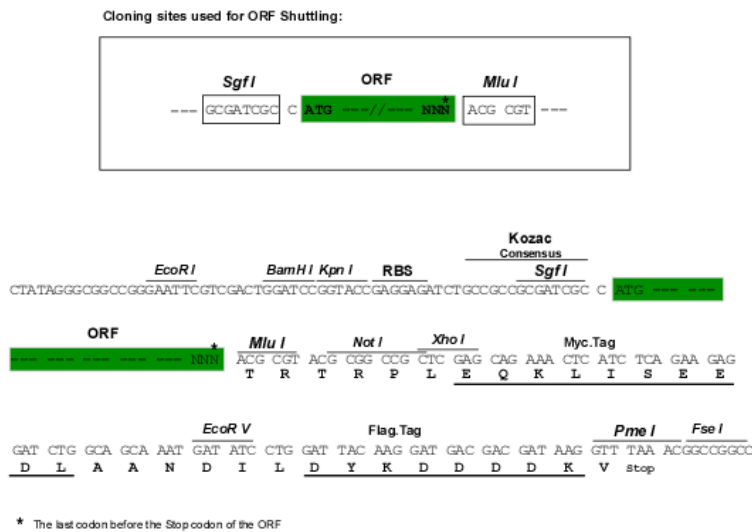
Protein Sequence: >RR204426 representing NM_001130541
Red=Cloning site Green=Tags(s)

MNGCRVLLRRNQFILLLLFLLHFQSLGLDVGSRSAEVCVHTTISPQPKGDNGERGDTGEEGKDGKVGRO
 GPKGVKGELGDMGAQGDIGKSGPIGKKGDKGEKGLLGVPEKGGKAGTICDCGRYRQVVGQLDISVARLKT
 SMKFIKQVIAGIRETEEFYIIVQEEKNYRESLTHCRIRGMLAMPKDEVVNTLIADYVAKSGFFRVFIG
 VNDLEKEGQYVFDNTPLQNYSNWKEGEPSPDYPGHEDCVELSSGRWNDTECHLTMFYVCFVKKKN

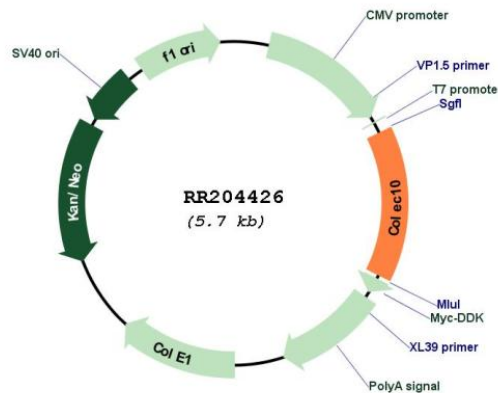
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001130541

ORF Size: 831 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_001130541.1 , NP_001124013.1
RefSeq Size:	4552 bp
RefSeq ORF:	834 bp
Locus ID:	299928
Cytogenetics:	7q32
MW:	30.6 kDa