

Product datasheet for **RR200935**

Cutc (NM_001108525) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Cutc (NM_001108525) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Cutc
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR200935 representing NM_001108525
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGAAAGGGATTTCTTGCAGCGGAAACAGGCGTGGATATCGTCGGGGAAGGCGGGAGCAGGAAATG
 GATTTCTTATGGAAGTGTGCGTAGATTCGGTGGAGTCGGCTGTGAATGCAGAAAGAGGAGGTGCTGACCG
 GATTGAATTATGTTCTGGTTTACTGGAGGGAGGAACACACCCAGCATGGGTGTTCTTCAAGTAGTAAAG
 CAGAGTGTTCCAGATCCCAGTTTTTGTGATGATTCGACCACGTGGAGGTGATTTCTATATTCAGATCGTG
 AAGTTGAGGTGATGAAGGCTGACATTCGTCTTGCCAAGCTTTATGGTGTGATGTTTGGTATTTGGGGC
 ATTGACTGAAGATGGACACATTGACCAAGAGCTATGCTTGTCTTGTAGCTCTCTGCCGTCCTCTACCA
 GTCACCTTCCACAGAGATCCAATGGCAGCTCTGGAGACCCTCCTGACCTTGGGGTTTGAACGCGTTCTGA
 CCAGTGGGTGTGACAGTTCAGCACTGGAAGGACTGCCTCTCATAAAGCAGCTCACAGACCAGGCAAAAGG
 CAGGATTGTGGTAAATGCCAGGAGGTGGGATAACAGTTAAAAATCTGCAAAGGATCCTTGAGGGTTCTGGA
 GCTACAGAATTCAGTGTCTGCCGATCTTCTAGAGACTCAGGAATGAAGTTTCGAAATTCCTCTGTTG
 CAATGGGAGCTTCACTTGCTCATTGAGAAATTTCTCTAAAGGTAACAGATGTGACAAAAGTAAGGACTTT
 GAATGCTATTGCAAAGGATGTCCTAGTT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA



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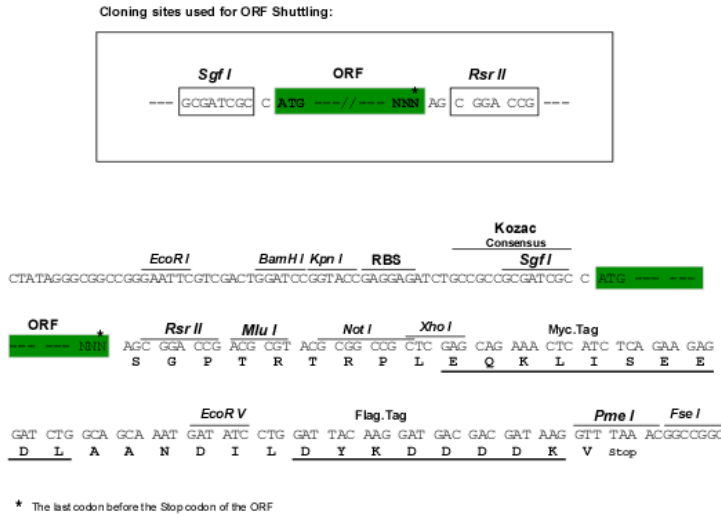
Protein Sequence: >RR200935 representing NM_001108525
 Red=Cloning site Green=Tags(s)

MKKGISCERKQAWISSGKAGAGNGFLMEVCVDSVESAVNAERGGADRIELCSGLLEGGTTPSMGVLQVVK
 QSVQIPVFMIRPRGGDFLYSDREVEVMKADIRLAKLYGADGLVFGALTEDGHIDQELCLSLVALCRPLP
 VTFHRDPMAALETLLTLGFERVLTSGCDSSALEGLPLIKQLTDQAKGRIVVMPGGGITVKNLQRILEGSG
 ATEFHCSARSSRDSGMKFRNSSVAMGASLAHSEYSLKVDVTKVRTLNAIAKDVLV

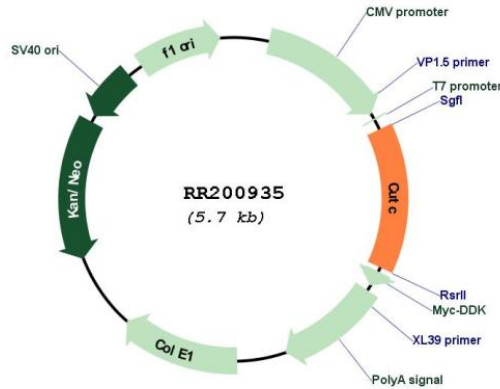
SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108525

ORF Size: 798 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_001108525.1 , NP_001101995.1
RefSeq Size:	1302 bp
RefSeq ORF:	801 bp
Locus ID:	361760
Cytogenetics:	1q54
MW:	28.4 kDa