

Product datasheet for **RR207618**

Cabs1 (NM_022263) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cabs1 (NM_022263) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cabs1
Synonyms: Clph; Rsd6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207618 representing NM_022263
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAAGATGGATCTCCAAAATTTATTCTCGTCCTCCAAGAGACAGCAGTAAAACACCAACAGAAG
 CGGACATTTTCTTTGGGGCTGACAACACTATTCTAAATCAGAAACAATTACCTCTGAAGGAGACCA
 CATTACTTCAGTAAATGACTGCACCGCGGATGGTGATTTTCACTACAGTCAACAAGCTCACACCTACA
 AAGGAAAACTTAAATTAGAAGAAGATATTGAAGCAAGTCTGAAATCAACAACCTTCCAGAGAAAGAAA
 TTACCACTCCGACTGAACTACCAACTCCAAACCTAAGGAATCAATTACTGAAAAATTCATTCCGGTGAA
 AATTGGAAATATCTCATCCCCAGTTGGCACTGTTTCTTAATTGATTTTTCCAGTAAATGGCGAAGGAA
 GACATCTCTTAGCCACCATTGACGCAGAAGACAAAGAAGTCAAACCCACTACTGAGCTCTCTGAAACAC
 AGGAGGACAGCTCTGCCAATGATGAGGATACCTCTGTACCTCCAGATGAGAATACTGAACTGATGTTAG
 TTCTTCACTAGCTCTGACGTTCTGATGATGGAGCTGTCCAGGTCAGTACTCCTTTAGTCTGAGTCT
 GACGTCCTCCCTCTACTGAAAAGGAGGTCACCACCATTCCAGACAACGTTGCAGAAGACAAAGTAACTA
 AGATTGACTTGATTGTTTCAGAAGATAGGCCAAAACCTGTACTAAATTAAGTACTCCGAAGAAGAAA
 ATTTATCACTGTTTTTGAATCACTAACTCAGCTGAAAAAGCCAAAGATAACCCAGAAGATCCTTTAACT
 GATGAGGAGCCAGCTGACGGAGTTAATACTTGGGTGAAAAAGATGCTGCAAATGAGGCAGAGTCTCATG
 CTGTTCTGCTTACCGCCGTTGAATCTAGGTACGACTTCGTTGTCAGTGCCTCCGAAACTAACAGCGTCGT
 CGTGGAGGAACCACGTTGACACAAAGAATTCGCCTGAAAAGGATGCAGCAGAGTCTGTACTAATGTC
 ACAGAGGAATTCCTTCAGTGACCTCTGTAGTAGAACAGAGTGGGAACAAGGAGGACTTATCTACCAATG
 ACTCCGGTATCTTAACTGCTCAAAGAAGAACCAGATGAACTCATGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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MAEDGSPKIYSRPPRDSSKTPTEADIFFGADNTIPKSETTITSEGDHITSVNDCTADGDFSTTVNKLTP
 KEKLEEDIEASLKSTTLPEKEITTPTETTNSKPKESITENFIPVKIGNISSPVGTVSLIDFSSNMAK
 DILLATIDAEDKEVKPTTELSETQEDSSANDEDTSVPPDENTETDVSSSTSSDVPDDGAVQVTDSPES
 DVPPSTEKEVTTIPDNVAEDKVTKIDLIVSEDRPKTVTKLSDSEEEKFITVFELTNSAEKAKDNPEDPLT
 DEEPADGVNTWVEKDAANEAESHAVLLTAVESRYDFVVTASETNSVVVEEPHVDTKNSPEKDAEASVTN
 TEEFSPVTSVVEQSGNKEDLSTNDSGIFKLLKEEPDELM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

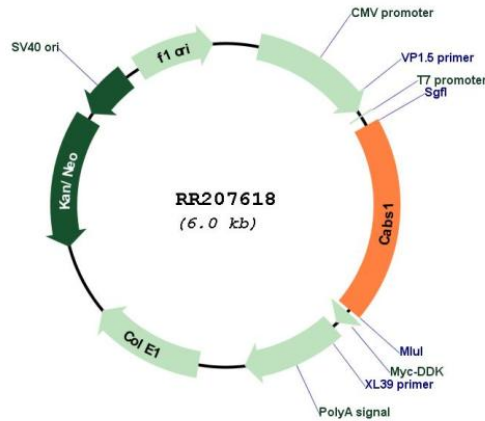
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_022263

ORF Size:	1170 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_022263.2 , NP_071599.2
RefSeq Size:	1502 bp
RefSeq ORF:	1173 bp
Locus ID:	64029
UniProt ID:	Q68FX6
Cytogenetics:	14p22
MW:	42.3 kDa
Gene Summary:	protein of unknown function from rat testis [RGD, Feb 2006]