

Product datasheet for RR201712

Cd69 (NM_134327) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd69 (NM_134327) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cd69
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201712 representing NM_134327
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGAATCTGAAGAGTGTCCATAACAGAAAATAGCTCTTCACATCTGGAGAGAGGGCAGAGGGACCATG
GCACCAAGTGTACATTTTGAAGCATCGTGAAGGATCCATTCAAGTTCCTATCCCTTGCTGTGCTCGT
AGTGGTCTCATCACTTCTTAATTATCGCTCTCTTGCCTAAGTGTGGCAAGTACAATTGTCCGGGC
TTCTATGAGAATCTGGAGTCATTTGACCACCATGCTGCTTCTGCAAGAATGAGTGGTTTTTCATACAACG
GGAAATGTTACTTTTTCTCCACCACAACCAAGACTTGGGCCTTGGCCAAAAATCTTGTCTGAAGATGA
CGCTACCTTGCTGTTATTGATTCGAAAAGGACATGGCGTTTCTGAAGCGATATGCTGGTGGACTGAAA
CACTGGATTGGGCTGAGAAACGAAGCTAGTCAGACATGGAAATGGGCAAATGGCAAAGAATTTAACAGCT
GGTTCAACGTGACAGGTCTAAAAGTGCCTGTCTCTGAACCACACAGATGTTGCTTCTGTAGACTGCGA
GGCAAACCTTACTGATCTGCAGCAAGGCCTCCCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR201712 representing NM_134327
Red=Cloning site Green=Tags(s)

MNSEECSITENSSHLERGQRDHGTSVHFKEKHREGSIQVPIPCAVLVVVLITSLIIFALSVGKYNCPG
FYENLESFDHHAASCKNEWFSYNGKCYFFSTTTKTWALAQKSCSEDDATLAVIDSEKDMAFLKRYAGGLK
HWITGLRNEASQTKWANGKEFNWFNVTGSKKCVSLNHTDVASVDCEANLHWICKASL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

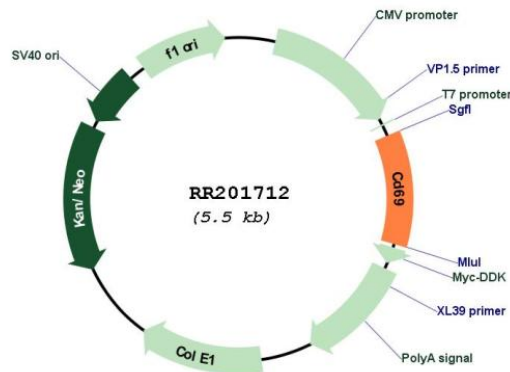


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Cloning Scheme:



Plasmid Map:



ACCN: NM_134327

ORF Size: 597 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:	<u>NM_134327.1</u> , <u>NP_599154.1</u>
RefSeq Size:	1630 bp
RefSeq ORF:	600 bp
Locus ID:	29187
Cytogenetics:	4q42
MW:	22.3 kDa
Gene Summary:	human homolog is an early activation antigen of T lymphocytes [RGD, Feb 2006]