

Product datasheet for MR226790

Cd69 (NM_001033122) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd69 (NM_001033122) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cd69
Synonyms: 5830438K24Rik; AI452015; AIM; VEA
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR226790 representing NM_001033122
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATTCTGAAAAGTGTCTATAACGGAAAATAGCTCTTCACATCTGGAGAGAGGGCAGAAGGACCATG
 GCACCAGTATACATTTTGAAGCATCATGAAGGATCCATTCAAGTTTCTATCCCTTGGGCTGTGTTAAT
 AGTGGTCTCATCAGTCCTTAATAATAGCTCTCATTGCCTAAATGTGGCAAGTACAATTGCCAGGC
 TTGTACGAGAAGTTGGAATCATCTGACCACCATGTTGCTACCTGCAAGAATGAGTGGATTTCATACAAGA
 GGACATGTTACTTCTTCCACCACAACCAAGAGTTGGGCCTTGGCCCAACGCTCTTGTCTGAAGATGC
 TGCTACTCTTGCTGTAATTGATTAGAAAAGGACATGACGTTTCTGAAGCGATATTCTGGTGAAGTGGAA
 CATTGGATTGGGCTGAAAATGAAGTAATCAGACATGGAATGGCAAATGGCAAAGAATTTAACAGCT
 GGTTCACCTTGACGGGTCTGGGAGGTGCGTGTCCGTGAACCACAAAAATGTTACCGCTGTGGACTGTGA
 GGCAAACCTCCACTGGGTCTGCAGCAAGCCCTCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR226790 representing NM_001033122
 Red=Cloning site Green=Tags(s)

MDSENCITENSSSHLERGQKDHGTSIHFEKHHEGSIQVSIIPWAVLIVLITSLIALIALNVGKYNCPP
 LYEKLESSDHHVATCKNEWISYKRTCYFFSTTTKSWALAQRSCEDAATLAVIDSEKDMTFLKRYSGELE
 HWIGLKNEANQTKWANGKEFNWFNL TGSGRCSVNHNKNTAVDCEANFHWVCSKPSR

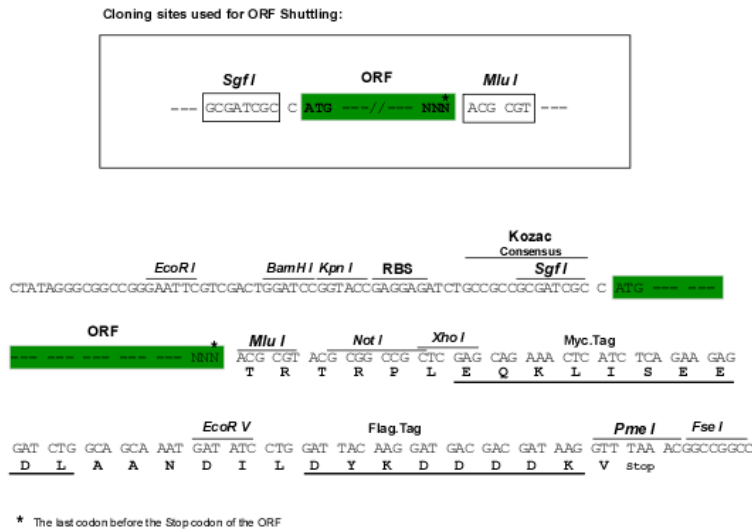
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001033122

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:
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_001033122.4](#)

RefSeq Size: 1620 bp

RefSeq ORF: 600 bp

Locus ID: 12515

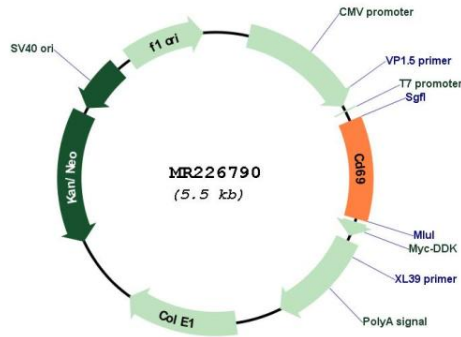
UniProt ID: [P37217](#)

Cytogenetics: 6 63.21 cM

MW: 23 kDa

Gene Summary: Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226790