

Product datasheet for **RR215108**

Cd40lg (NM_053353) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd40lg (NM_053353) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cd40lg
Synonyms:	Cd40l; Tnfsf5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR215108 representing NM_053353 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATAGAACATACAGCCAACCTTCTCCAGATCTGTGGCTACTGGCTTCCAGCGAGCATGAAGATTT
TTATGTATTTACTTACTGTTTTTCTTATCACCCAGATGATTGGGTCGGTGCCTTTTGTGTGTATCTTCA
TAGAAGATTGGATAAGGTAGAGGAGGAAGCAAGCCTTCACGAGGATTTTGTATTCGTAAGAAAGCTAAAG
AGGTGCAACAAAGGAGAAGGGTCTTATCCTTGCTCAACTGTGAGGAGATGAGAAGGCAATTTGAAGACC
TTGTCAAGGATATATCGTTAAACAAAGAAGAGAAAAAAGAAAAGAGCTTTGAAATGCAAAGAGGTGATGA
GGATCCTCAAATTCAGCACATGTTGTAAGTGAGGCCAACAGTAATGCAGCATCTGTTCTTCAGTGGGCG
AAGAAAGGATATTATACCATGAAAAGCAACTTGGTAGTGCTGGAATAAGGAGACAACACTGACGGTAAAA
GAGAAGGACTCTATTATGTCTACACCAAGTCACTTCTGCTCTAATCGGAACCTTTGAGTCAACGTCC
ATTCATCGTCAGCCTCTGGCTGAAGCCCAGCAGTGGGTCAGAGAGAATCTTACTCAGGGCAGCGAATACC
CACAGTTCCTCCAAGCTTTGTGAGCAACAGTCCATTCACTTGGGCGGAGTATTTGAATTACAAGCAGGTG
CTTCTGTGTTGTCAACGTGACTGAAGCAAGCCAAGTGATCCACGGAATTGGCTTCTCATCTATTGGCTT
ACTCAAACCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR215108 representing NM_053353
Red=Cloning site Green=Tags(s)

MIETYSQPSPRSVATGLPASMKIFMYLLTVFLITQMIGSVPFAYLHRRLDKVEEEASLHEDFVFKLLK
 RCNKGEGSLNLLNCEMRRQFEDLVKDISLNKEEKKEKSFEMQRGDEDPQIAAHVVSEANSNAASVLQWA
 KKGYYTMKSNLVLENGRQLTVKREGLYYVYTQVTFCSNREPLSQRPFIIVSLWLPSSGSERILLRAANT
 HSSSKLCEQQSIHLGGVFELQAGASVFNVTASQVIHIGIGFSSIGLLKL

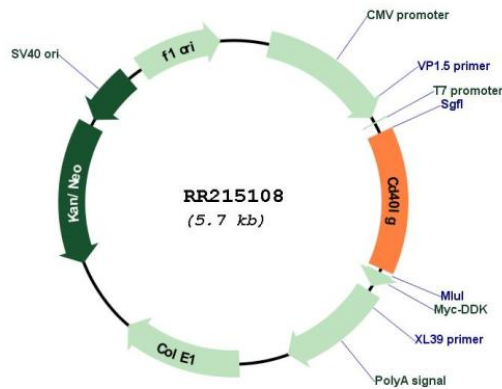
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_053353

ORF Size: 780 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_053353.1 , NP_445805.1
RefSeq Size:	783 bp
RefSeq ORF:	783 bp
Locus ID:	84349
UniProt ID:	Q9Z2V2
Cytogenetics:	Xq37
MW:	29.3 kDa
Gene Summary:	CD40 ligand [RGD, Feb 2006]