

Product datasheet for **RR214653**

Daglb (NM_001107120) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Daglb (NM_001107120) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Daglb
Synonyms:	RGD1310193
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RR214653 representing NM_001107120
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCGGGATGGTGCTGTTTCGGCCGGCGCTGGTCCCTAGCTAGCGACGACCTGGTGTTCCCCGGGTCTT
TTGAGCTGTTCTGCGTGTGCTGTGGTGGATCGCCAGTCTGACGTTATACCTCATGCACAGAAGGAAGCT
GGACTGTCCTGGTGGGTCTTGCTCAGCACGTACCTGATCGTCCTCCTGTTCTCCTGGCTGTTATTATA
GGCATCGTCTGGCCATCGTGTGTGTCAGCATGAGAGGAACCATTTGTAACCTGGACCTCGGAAGTCTA
TGTCTAAGCTGCTCTATATCCGACTGGCCCTCTTCTGCCAGAGATGGTCTGGGCTTCTCTGGGGCTGC
CTGGGTGGCAAAGGTATCCAATGTGACAGGACAGTTGTGATTGGCATCATCGCCACCGTCATTGTCAGT
TGGATTGCATCGCTGCCACTATGGTACCATCGTCTTTGTCTTTGACCCGCTGGGTGGGAAAATGGCTC
CGTATCCCCATGCATCCCTGAACACCTGGACAGTAACAGTTCAAACCATTTATTGACCGCCTGAGGAC
GGCTGCAAAGAGCGTGTGGGAGACCCGGTGCAATGCTGTGCTGCTGCATTGGGCAGGACGACAACACC
AGAGTCGCCTTTTCCAGCACGGCCGACCTGTTCTCCACCTACTTCTCTGACACAGACCTGGTGCCAGCG
ATATTGCAGCCGGCTTACCCTTCTCCACCAGCAACAGGACAAGATCAGCCACAGCCGGGAGCCTTCGGA
GGTCGTGACCCACACACCAGGGCAACCTCAGGAAACAGAGCTGGACGCGGAAGTGAAAACTGCCATCAC
TACATGCCGTTTGCAGCAGCTGCCTACGGATGGCCCTTACATCTACAGGAACCCGTTACGGGGCTGT
GCAGGATCGGTGGTGACTGCTGCAGAGGAGAGACATAGAGTATGATGCCGTGGAAGGTGACGAGACCA
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GACAAGGTGTACGAGCTGCCCTTATAGTGGTTCTGGATCACAGGAAGGAGTCTGTTGTGGTTGCCGTGA
GAGGGACCATGTCTCTCCAGGACGTCTGACCGATCTGTCTGCCGAGAGCGAGAACCTAGAGCTGGATAT
CGAGCTACAGGACTGCGTGGCCCAAGGGAATTGCTCAAGCGCCAGATACATTTATCGAAGACTGGTC
AACGATGGGATTCTTAGCCAAGCCTTCACTGTTGCTCCGGAGTACCGGCTCGTTGTGGTGGGACACAGCC
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AGGAAGCCCTGATAACTTTCCAACCGAAGTGGATGAGGGCAACCAGGGGGCCTGACTCAGCCTCTTCTA
GGGAGCAGACTCTGCTAACACGGTGTCTCCAGGCTACTGCTCCGGCGACTCCCCTGGATTCTCCA
AGTACCCCACTCTGTATCCACCCGGCAGGATCATCCACCTGGAAGAGGAGGGTGGTTCAGGGAGGTTTGG
CTGCTGCTGCTGCTGCCAGTACAGAGCGAGGTGGGCACATGAAACAGAATTACAGCAAGATCCTGATAGGC
CCAAAGATGCTGATTGACCATATGCCCGACGTCATGATTCCGGGCCCTGGACAGAGTGGTCGCCGACAGAA
CAGCCTGTGCTCGTGCCTGGCCAAGGCGGCTCTAACGTCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214653 representing NM_001107120
 Red=Cloning site Green=Tags(s)

MPGMVLFGRRWLASDDLVPFSGFELFLRVLWWIASLTLYLMHRRKLDPCGGVLLSTYLIVLLVLLAVII
 GIVLAIVCVSMRGTICNPGPRKSMKLLYIRLALFLPEMVWASLGAAWVAKGIQCDRTVVIGIATVIVS
 WIVIAATMVTIVFVFDPLGGKMAPYPPCIPEHLDSNSSNHLLTGLRTAAKSVWETRVQCCCCIGQDDNT
 RVAFSSTADLFSTYFSDTDLVPSDIAAGFTLLHQQDKISHSREPSEVVHTPGQPQETELDAEVENCHH
 YMPFAAAAYGWPLYIYRNPFTGLCRIGGCCRRDIEYDAVEGDEHHCHFASILKTTGLQYRDFIHVSFH
 DKVYELPFIVVLDHRKESVVVAVRGTMSLQDVLTDLSAESENLELDIELQDCVAHKGIAQAARYIYRRLV
 NDGILSQAFSVAPEYRLVVVGHSLGAGAAALLAIMLRGAYQVRAYAFSPPRGLLSKSLFEYSKDFVVS
 ILGMDVIPRLSVANMEDLKRRILRVIANCNPKYKILLHGCWYSVFGGSPDNFTELDEGNQALQPLL
 GEQTLTRCSPGYCSGDSPLDSPKYPTLYPPGRIIHLEEEGGSGRFGCCSAAQYRARWAHETEFKILIG
 PKMLIDHMPDVMIRALDRVVADRTACVSCPGQGGSNVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

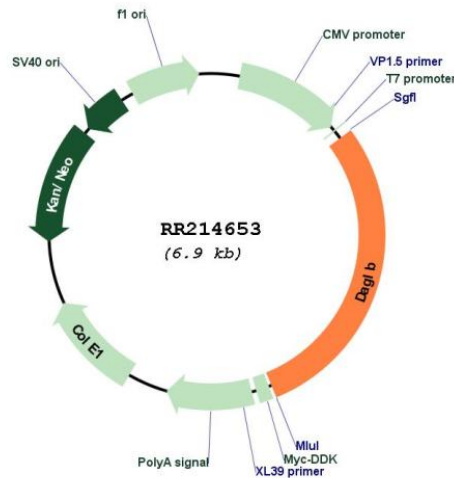
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107120

ORF Size: 2004 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_001107120.1](#), [NP_001100590.1](#)

RefSeq Size: 3019 bp
RefSeq ORF: 2007 bp
Locus ID: 304289
Cytogenetics: 12p11
MW: 73.8 kDa