

Product datasheet for **MR209911**

Daglb (NM_144915) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Daglb (NM_144915) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Daglb
Synonyms:	E330036I19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR209911 representing NM_144915
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCGGGATGGTGCTGTTTCGGCCGGCGTGGTCTCTAGCCAGCGACGACTTGGTGTTCCCCGGGTCTT
 TTGAGCTGTTCTGCGTGTGCTGTGGTGGATTGTCAGTCTGACGTTGTATCTCACGCACAGAAGGAGGCT
 GGACTGTCCCGGTGGAGTCTTGCTCAGCACGTACCTGATAGTCCTCCTGTTCTCCTGGCAGTTATTATA
 TGCACCGTGTGGCCATCGTGTGTGTCAGCATGAGAGGAACCATTTGTAACCCTGGACCTCGGAAGTCTA
 TGTCTAAGCTGCTCTATATCCGCTGGCGCTCTTCTGCCAGAGATGGTCTGGGCTTCTCTGGGGCCGC
 CTGGGTGGCAAAGGTATCCAGTGTGACAGGACAGTTGTCATTGGCATCATCGCCACCGTCAATTGTCAGC
 TGGATTGTCATTGCTGCCACCATGGTACCATCATCTTTGTCTTTGACCCGCTGGCGGGGAAGATGGCTC
 CGTATCCCCATGCATCCCGGAGCACCTGGACAGTAACAGCTCAAACCGTTACTGACTGGCCTGAAGAC
 GGCTGCGAAGAGCGTGTGGGAGACCCGGGTGCAGTTCTGTGCTGCTGCGTTGGGCAGGATGATAACACC
 AGGGTGGCGTTTTCCAGCACTGCCGACCTGTTCTCCACCTACTTCTCTGACACAGACCTGGTGCCTAGTG
 ATATCGCAGCAGGCTTCCACCTTCTCCACCAGCAACAAGACAATATCAGCCACAGCCGGGAGCCTCCGGA
 GGTGCTGACCCACACACCAGGACAGCCTCAGGAACTGAGTTAGATGCAGAAGTGGAGAAGTCCATCAT
 TACATGCCGTTTGCAGCAGCTGCCTATGGGTGGCCGCTCTACATCTACAGGAACCCGTTACGCGGGCTGT
 GCAGGATTGGTGGCGACTGTTGCAGAGCCAGAGACATAGAGTACGATGCAGTGGAAAGGTGACCAGACAA
 CTGCCACTTCGCCTCCATCCTGAAGACCACAGGGCTGCAGTACAGGGATTTCAATCACATAAGCTTTAC
 GACAAGGTGTATGAGCTGCCCTTCATAGTGGTTCTGGACCACAGGAAGGAGTCTGTTGTGGTCCCGTGA
 GAGGGACCATGTCTCCAGGACGTCTGACCCGACCTGTCTGCCGAGAGTGAGACCCTGGAGCTGGGGAT
 TGAGCTACAGGACTGTGTGGCCACAAGGGAATTGCTCAAGCGGCCAGATACATTACCCGAGACTGGTC
 AATGATGGGATTCTGAGCCAAGCCTTCAAGTGTGCTCCGGAGTACCAGCTCGTTCTGGTGGGACACAGCC
 TAGGAGCCGGCGCTGCGGCCCTGTAGCCATCATGCTCCGGGGGGCTACCCACAAGTCCGTGCTTATGC
 CTTCTCCCGCCAGGGGGCTGCTCAGCAAATCCCTTTACGAGTACTCCAAGGACTTTGTCGTGTCGCTT
 ATCCTAGGGATGGATGTGATCCCAGGTTAAGTGTGACCAACATGGAGGACCTCAAGAGGAGGATCCTGA
 GAGTATCGCTAACTGCAATAAGCCGAAGTACAAGATCTTGTGTCATGGTGTGGTACGGACTGTTCCG
 AGGAAGCCCTGATAACTTTCAACTGAACTGGATGAGGGCACCCAGGGGGCCCTGACTCAGCCTCTTCTT
 GGAGAGCAGACTTCTAACCCGATACTCCCGGGCTACTGTTCCAGCGACTCCCCTGGACTCCCCCA
 CCAAGTACCCACTCTGTACCCACTGGCAGGATCATCCACTGGAAGAGGAGGGTGGTTCAGGGAGGTT
 TGGCTGCTGTTCTGCTGCCAGTACAGAGCGAGGTGGGCACACGAAGCAGAATTCAGTAAGATCCTGATA
 GGCCAAAGATGCTGATTGACCACATGCCTGACGTGATTCGGGCCCTGGACAGAGTCTTGGCCGACA
 GGACAGCTGCGTCTCCTGCCAGGGCAAGCGGCTCAAGTGTACCG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_144915.3](#), [NP_659164.2](#)

RefSeq Size: 3257 bp

RefSeq ORF: 2010 bp

Locus ID: 231871

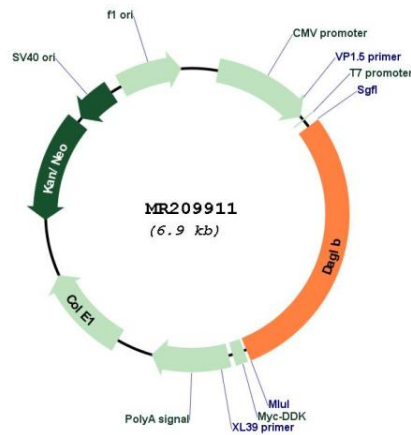
UniProt ID: [Q91WC9](#)

Cytogenetics: 5 G2

MW: 74.4 kDa

Gene Summary: Catalyzes the hydrolysis of diacylglycerol (DAG) to 2-arachidonoyl-glycerol (2-AG), the most abundant endocannabinoid in tissues. Required for axonal growth during development and for retrograde synaptic signaling at mature synapses (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209911