

Product datasheet for RR211277

Dnajb12 (NM_001013907) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dnajb12 (NM_001013907) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dnajb12
Synonyms: MGC94679
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR211277 representing NM_001013907
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAATCCAACAAGGATGAAGCCGAGCGCTGTATCAGCATCGCCCTCAAGGCCATCCAAGCAACCAGC
CCGACCGGGCGCTGCGCTTCTGGAGAAGGCGCAGCGGCTGTACCCGACGCCAAGAGTCAACCGCTCTGAT
CGAGTCCCTCAACAAAAATCACAGTCCGCGGTGATCAATCTCAACCCACAGACACAACCCATACCACC
ACCAGGAAGACAAGCGGGACCGAAACCCCTCAGCCAACGGTGAAGCAGGAGGAGAGAGACCAAGG
GCTATACTTCAGAGCAGGTGGCAGCTGTAAAAGGGTCAAGCAGTGTAAAGATTACTATGAGATCCTTGG
GGTAAGCAGAAGCGCCTCAGACGAGGACCTGAAGAAGGCCTACCGCAAATGGCCCTCAAATTCATCCA
GACAAGAACCACGCGCCTGGGGCCACCGAAGCTTCAAAGCCATTGGCACAGCATATGCCGTCTCAGCA
ACCCGGAGAAAAGGAAACAGTACGACAGTTTGGTGATGACAAGAACCAGGCTGCCCGGCACGGCCATAG
CCACGGGGACTTCCACCGAGGCTTTGAAGCCGACATCTCCCAGAAGACCTTTAACATGTTCTTTGGT
GGTGGCTTTCCTCCAGTAACGTCCATGTCTACAGCAATGGCCGAATGCGATACACCTACCAGCAGAGAC
AGGACCCGAGAGACAACCAGGGTATGGCGGGCTAGGAGTATTCGTCCAGCTGATGCCCATCCTCATCCT
CATCCTCGTGTCCGCGCTCAGCCAGTCAATGGTGTCCAGTCCACCTACAGCCTGAGCCCCAGACCGTCA
GTGGGCCATATCCACAAGCGAGTCACTGACCACCTGAACGTCGCGTACTACGTGGCAGACACCTTCTCTG
AAGAGTACACAGGCTCTAGCCTCAAACAGTTGAACGGAATGTGGAAGACGATTATCGCCAACCTCCG
AAACAAGTGTGGAAGGAAAAGCAACAGAAGGAAGGCTTGTGTACCGAGCCCGATACTTTGGTGACACA
GACATGTACCACAGACACAGAAGATGAGCACCCCGAGTTGCAGTCGGCTGTCAGAGACTATGAAATCCC
TGGAGAATTTTTGG

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR211277 representing NM_001013907
 Red=Cloning site Green=Tags(s)

MESNKDEAERCISIALKAIQSNQPDRALRFLEKAQRLYPTPRVTALIESLNQKSQSAGDQSQPTDTTHTT
 TRKTSGETPSSANGEAGGGESTKGYTSEQVAAVKRVKQCKDYIEILGVSRASDEDLKKAYRKLALKFHP
 DKNHAPGATEAFKAIGTAYAVLSNPEKRRKYDQFGDDKNQAARHGSHGDFHRGFADISPEDLFNMFFG
 GGFSSNVHVYSNGRMRITYQQRDRRDNQDGGGLGVFVQLMPILILILVSALSQMLMVSSPPYSLSPRPS
 VGHIIHKRVTDHLNVAYYVADTFSEEYTGSSLKTVERNVEDDYIANLRNNCWKEKQQKEGLLYRARYFGDT
 DMYHRAQKMSTPSCSRLSETMKSLENFW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

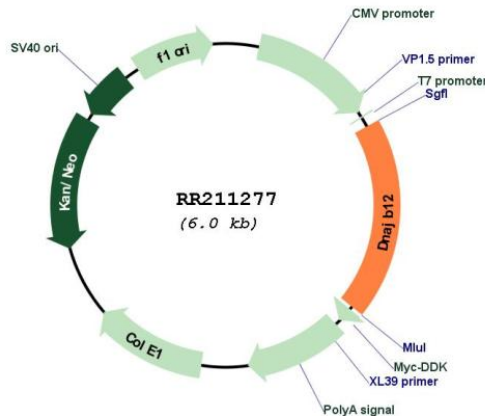
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001013907

ORF Size:	1134 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_001013907.1 , NP_001013929.1
RefSeq Size:	3002 bp
RefSeq ORF:	1137 bp
Locus ID:	294513
Cytogenetics:	20q11
MW:	42.5 kDa