

Product datasheet for **RN206875**

lkbkg (NM_199103) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: lkbkg (NM_199103) Rat Untagged Clone
Tag: Tag Free
Symbol: lkbkg
Synonyms: Nemo
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206875 representing NM_199103
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCAGGCACCTCTGGAAGAATCAGTTGAGTGAGATGGTGCAACCCAGTGGTGGCCAGCAGAGGACC
AGGACATGCTGGGTGAAGAATCTTCTCTGGGGAAGCCAGCAATGCTACATCTTCCTTCAGAGCAGGGTAC
TCCTGAGACCCTCCAGCGCTGTCTGGAAGAGAATCAAGAACTCCGAGATGCTATCCGGCAGAGCAATCAG
ATGCTGAGGGAACGCTGTGAGGAGCTGCTGCATTTCCAGGTGAGCCAGCGGGAGGAGAAGGAGTTCTCA
TGTGCAAATTCAGGAAGCCAGGAAGCTGGTGGAGAGACTGAGCTTGGAGAAGCTTGACCTGCGGAGGCA
GAGAGAACAGGCCTTAGAGGATTTGGAGCATCTGAAGAAATGCCAACAGCAGATGGCTGAGGACAAGGCC
TCTGTGAAAGCTCAGGTGACATCATTGCTGGGGAACTCCAGGAGAGCCAGAGTCGTTTGGAGGCTGCTA
CCAAGGAACGACAACTTTAGAGGGAAGGATTCGAGCAGTTAGTGAGCAGGTGAGACAGCTGGAGAGTGA
GCGGGAGGTGCTGCAGCAGCAGCACAGTGTCCAGGTGGACCAACTGCGCATGCAGAACCAGAGTGTGGAG
GCTGCCTTGCGAATGGAGCGACAGGCTGCTTCAGAGGAGAAGCGGAAGCTGGCTCAGTTGCAGGCAGCCT
ATCACCAACTCTTCCAAGACTATGACAGCCACATTAAGAGCAGCAAGGGCATGCAGCTGGAAGATCTGAG
GCAGCAGCTCCAGCAAGCTGAGGAGGCCCTGGTAGCCAAACAGGAATTGATTGATAAGCTGAAAGAGGAA
GCTGAGCAGCACAAAGATTGTCATGGAGACCCTTCCAGTCTTAAAAGCCAGGCGGACATCTACAAGGCTG
ACTTCCAAGCTGAGAGGCATGCCCGGGAGAAAAGTGGTGGAGAGGAAGGAGCTTTTGCAGGAGCAGTTGGA
GCAGCTGCAGCGGAGTTCAACAAGTTGAAAGTTGGCTGCCATGAGTCAGCCAGGATTGAGGATATGAGG
AAGCGCATGTAGAGACTTCCAGCCCCCTTACTCCCTGCTCCAGCTCACCCTCCTTTTCATTTGGCCT
TGTCACACCGGAGGAGCCCTCCTGAGGAACCACTGACTTCTGTTGTCCAAGTGCCAGTATCAGGC
TCCTGATATGGACTCTACAGATACATGTCATGGAGTGCATAGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_199103
Insert Size:	1239 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_199103.1</u> , <u>NP_954534.1</u>
RefSeq Size:	1239 bp
RefSeq ORF:	1239 bp
Locus ID:	309295
UniProt ID:	<u>Q6TMG5</u>
Cytogenetics:	Xq37
Gene Summary:	regulatory subunit of the I kappa B kinase complex, which phosphorylates and activates NF kappa B [RGD, Feb 2006]