

Product datasheet for **RN202551**

Blk (NM_001025751) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Blk (NM_001025751) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Blk
Synonyms:	MGC112647
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202551 representing NM_001025751
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGCTACTGAGCAGCAAGAGGCAGATCAGCGAGAAGAGCAAGAGCTGGAGCCCTGTGAAGGCCCGC
CCCAGGGCAAGGTACCCCGCCCTGCCACCCCTGGTTGTCTTCAACCACCTCCCTCCTCCTAA
CCAGCACCCAGATGAAGAGGAGCGTTTTGTGGTGGCCCTGTTTACTATGCCGCTGTGAATGACAGGGAC
CTGCAAGTGCTAAAGGGAGAGAAGCTCCAAGTCTTGAAGAGCACTGGAGACTGGTGGTTGGCCAGGTAC
TCGTCACAGGAAGAGAAGGCTATGTGCCAGCAACTTTGTGGCCCACTAGAGACCCTGGAAGTAGAAAA
ATGTTTCTCAGGACCATTAGCCGGAAGGATGCTGAGAGGCAGTTGTGGCTCCAATGAACAAAGCCGGC
TCCTTTCTCATCAGAGAGTGAAGCAATAAAGGTGCCTTTCCCTATCTGTGAAAGACGTCACCAGCC
AGGGGAGATGGTCAAGCACTATAAGATCCGCTACTGGACAATGGAGGCTATTACATCTGCCCCGGAT
CACCTTCCCACCCTCCAGGCCCTGGTGCAGCACTATTCTGAGAAAGGGACGGTTTGTGTGAGAAGTTG
ACCTGCCCTGTGTGAACCCAGCCCGAAGAATCCCTGGGCCAAGACGAATGGGAAATCCCAGGCAGT
CCCTCAAGTTGGTCCGGAACCTTGGGTCTGGGCAGTTGGTGAAGTCTGGATGGGTTATTACAAAAATA
CATGAAGTGGCAATCAAGACCCTGAAGGAGGGAACCATGTCTCCGGAAGCTTCCCTGGGTGAGGCCAAC
GTGATGAAAACCTGCAGCATGAGAGGCTGGTCCGTCTCTACGCCGTGGTACCAGAGAGCCCATCTACA
TTGTACAGGAATACATGGCCAGAGGATGCTTGTGGATTTTCTGAAGACCGATGAAGGTAGCAGATTGTC
CCTTCAAAGGCTGATTGACATGTGAGCCAGGTTGCAGAAAGGATGGCTTACATAGAGCGCATGAATTC
ATCCACCGTGACCTGCGGGCAGCCAACATCCTGGTGTCTGAGACCTTGTGCTGCAAAATCGCTGACTTGC
GCTTGGCCAGGATCATCGACAGTAATACTGCCCAAGAGGGGCCAAGTTCCCATCAAGTGGACTGC
CCAGAAGCCATCCACTTCGGGGTGTTCACCATCAAGGCTGATGTGTGGTCTTTGGAGTCTTGCTGATG
GAGATTGTACATATGGCGTGTTCCTACCCAGGAATGAGCAACCCTGAGGTATCCGTAGCCTGGAGC
ATGGCTACCGAATGCCATGCCAGAGACATGTCCGCTGAGTTGTACCATGACGTCATCACTGAGTGCTG
GCGAGGCCGACCTGAGGAGCGGCCTACCTTGTGAGTTCTGCAGTCAGTGTGGAGGACTTCTACACAGCC
ACGGAGGGCCAATATGAGCTGCAGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025751

Insert Size: 1500 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:

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_001025751.1](#), [NP_001020922.1](#)

RefSeq Size: 2290 bp

RefSeq ORF: 1500 bp

Locus ID: 364403

Cytogenetics: 15p12