

Product datasheet for MC218047

B930006L02Rik (BC076580) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: B930006L02Rik (BC076580) Mouse Untagged Clone
Tag: Tag Free
Symbol: B930006L02Rik
Synonyms: 2610030B18Rik; B930006L02Rik; mKIAA0280
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC076580
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAACCTGTTTATAGCCCGTGCAACCTGGGGCTCCTTATGGCAACCCTAAGAACATGGCCTACACTG
 GTTACCCACAGCATACCCGGCAGCTGCTCCTGCCTACAACCCAGCCTGTACCCGACCAACAGCCCTAG
 TTATGCTCCAGAGTTTCAGTTCCTGCATTAGCTTATGCCACTCTGCTGATGAAACAAGCCTGGCCACAG
 AACTCGTCTTCTGTGGCACTGAAGGCACCTTCCACCTCCAGTGGACACCGGGACCGAGAACCAGAACTT
 ACCAGGCATCCTCTGCGCTTTCAGATATACCGCAGGGACACCATACAAGTCCCACCGACCCAGAGTAA
 TACTGCTCCACCCCTACTCCCATCACCAATCCCTATCAGACGGCCATGTATCCAATCAGAAGTGCC
 TATCCCCAGCAGAATCTGTATGCCAGGGAGCCTACTACACACAACCTGTGTATGCTGCCAGCCCCATG
 TCATCCACCACACCAGGTTGTCCAGCCCAACAGCATTCCCTCTGCCATCTACCCAGCTCCTGTTGCTGC
 CCCCAGGACCAATGGTGTGGCCATGGGCATGGTGGCAGGCACCACCATGGCAATGTCAGCAGGTACCCTG
 CTGACCACACCCAGCACACTGCAATTGGGGCACACCTGTCTCCATGCCACATACAGGGCCCAAGGAA
 CCCCTGCGTACAGCTACGTGCCCCGCACTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Restriction Sites: Sgfl-Mlul
ACCN: BC076580
Insert Size: 735 bp



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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:	BC076580 , AAH76580
RefSeq Size:	2784 bp
RefSeq ORF:	734 bp
Locus ID:	319604
Cytogenetics:	7 E2
Gene Summary:	In cancer context, protects cells from induced-DNA damage and apoptosis. Acts, at least in part, through PI3K/AKT/NFKB signaling pathway and by preventing POLB degradation. Decreases POLB ubiquitination and stabilizes its protein levels.[UniProtKB/Swiss-Prot Function]