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Product datasheet for MC219557

Rtkn2 (NM_001081346) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rtkn2 (NM_001081346) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rtkn2
Synonyms:	B130039D23Rik; Mbf; Plekhk1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC219557 representing NM_001081346
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGGGCAGCTGCTGAGGGGTCTCGCCGCGCAGCAGGACTGCAGCATCCGAGAGAAAATAGACTTAG
AGATCCGCATGCGAGAAGGAATATGGAAGCTGCTCTCGCTGAGTACGAAAAAAGACCAAGTTTTGCATGC
AGTTAAGAACCTCATGGTGTGCAGTGCTCGGATCCAGGCGTACACGGCAGAGCTGCAGAAGTCAAAAGAA
GAGATTGCAAATCAAACCGGAGCACGGGATTCGAGTTCTGAAAATAAAGAAGGAGAATCCTGCAGAGGAA
AGATCGCCCTGTCAGATATCCGAATACCATTAATGTGGAAAGACTCCGATCACTTCAGTAATAAAGAATG
CACACAGCGCTTCGCCATCTTTTGCTTATTCAGGATGGGAGCTCAGGTGTTTGACACGGACATGGTGATT
GTGGACCAGACAGTCACAGATATATGTTTCGAAAATGTCACCATCTTCAACGAGGCAGGACCGGACTTCC
AGATAAAGATAGAAGTCTACAGCTGCAGCGCAGAGGAGTCCTCCCTAACCAACACCCCGAGGAAGCTGGC
TAAGAAGCTGAAGACGTCCATCAGCAAAGCCACGGGAAGGAAAATCAGCGCAGCGCTCCAGGAAGAGAGC
CCAGAGGCGTGCTTGCTCGCTGGTTCTGCAGTTCTGGGTGCAAAGTACCATTTGCTGGCTCATACCACCC
TGACCTTGGAAAATGCTGGAGACTGCTTTAAGACCCATAACCTGTCTGTTCACGGAGATGAGGAGTGTTC
CTTTTGGCTTCCCTTGTATGGCAACGTGTGCTGCCGGCTGGTGGCCCAGCCAGCTTGCATGGCTGCAGAT
GCATTTGCAGGATTCCTTAATGAACAGCAAACAGGAAAAGGTCTGGTTGGCTGGAGAAGGCTGTACTGTG
CTCTGAGAGGGGGTAAACTCCGCTGCTTTTATGGTCCGGAAGAAATTGAAGCTAAAGTGGAGCCGGCTCT
GGTGGTTCCTATTGACAAGGAAACCAGAATTCAGGCCGTGGAAAAGGATTCAAAGAAAATGCACTGTTTC
TCTGTCCTCAGCACAGCCGCTGGGCGGGCGGTGAGTCACATCTTTGCGGCTGACAGCCTAGCAGACTTTC
AGGAGTGGATGGGCGCCTTCCGGCAACATTTCTTTGATCTCAGCCAATGGAAGCATTGTTGTGAAGAACT
TATGAGAATTGAGATTATGTCACCACGAAAACCACCTTTGTTCCTGGCAAAGGAGGCGACCTCAGTGTAT
TATGATATGAGCATCGATTCACCCGTGAAACTGGAAAGTGTAACAGACATAATACAAAAGAAAATCGGAG
AGACCAACCGACAGTTCCTCATTGGTCGGGATGACCAATCCGCAGCACCCCCGTGGGCCGCTGTCTTTGA
TGGCAATCACGAAATGGTCATAGAGAAGAAAGTGTTGTCCCCAATAGGCGAACCGGCTCCGGATGGAAAA
AGAAAAAAGAGGCGAGCCCCACTCCCTCCTACCGATCAGCCGCCCTTCTGCATAAAAACCCAGGGTAGAG
CGAATCAGTCCAAGGACAGCGCAACCCAGGCTGGGGTCTCTGGAGCCTCATCTTCGCCTTCGGATCCCAG
ACTGTCGCCGCCTACGCATCATCTCCAGAAACCTGTGGCAGCCCCTCGCAAACTTCTCCCTGCCAGGAAG
AACAGTTCAGCGGACATTGGGCACACGGACACTAAAACCAGCCTTGATGCGAAGCCAGTGCCAGTTCCAA
GGCAGAAATCCATCAGAGACATTCTGGACCCACGATCTTGGCTCCAAGCACAAGTATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081346

Insert Size: 1809 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).

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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_001081346.1, NP_001074815.1
RefSeq Size:	3932 bp
RefSeq ORF:	1809 bp
Locus ID:	170799
Cytogenetics:	10 B5.1
Gene Summary:	May play an important role in lymphopoiesis.[UniProtKB/Swiss-Prot Function]

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