

Product datasheet for **MC218577**

6330514A18Rik (BC099679) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	6330514A18Rik (BC099679) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	6330514A18Rik
Synonyms:	6330514A18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC099679
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCCCCGGTCCCGCGCGCGGGAGCCGCCAGCTTGTGGCCACCTTCTGCGGACCCAGGCTCGG
 GCGCGTGTACCGCGCGGGAAGCTGATCGGCAAGGGAGCCTTCAGCCGCTGCTACAAGCTCACGGACAT
 GTCACACAGCGTGTGTTTCGCTCTTAAGGTGGTGCCAAGGGGCGGAGCGGGGCGGCTGCGCCTGCGCGGG
 AAGGTGGAGCGTGAGATCGCCCTGCACAGCCGCTGCGCCACCGCAACATCGTGGCCTTCCACGCACACT
 TTGCTGACCGGATCACGTGTACATGGTGTGGAGTATTGTAGCCGCCAGTCCTTGGCTCATGTGCTGAA
 AGTGGCGGCGACTCTGACAGAGCCTGAAGTGGCTATTACCTTCGGGGCCTGGTCAGCGGCTGCGCTAC
 TTGACCAACAACGCATCGTGACAGGGACCTGAAACCCAGTAATTTCTCCTTAAACAAGAACATGGAGG
 TTAAGATAGGTGACCTGGGGCTGGCTGCCCGTGTGGGGCCTGCTGGTGGTCCACAGGGTCTCTGCGG
 GACTCCAAACTCCAGGCACCTGAAGTGGTGTCCCGAAATGGACTCGTGCAAATCTGACATCTGGGCT
 CTGGGATGCATCATGTACACGGTGTGACAGGCACGCCACCCCTTTCGCGGCGCACCCCTTGTGAGAGATGT
 ACCAAAACATCCGTGACGGCCACTACTCGAGCCTACTCACCTGTGCGCCAGCGCCCGCAGCCTCATTGC
 ACGGCTCTGGCACCGGACCCCGCGGAGCGGCCAGCCTGGACCCTTACTGCAAGATGACTTCTTCAGT
 CAGGGCTTACCCCGGAGCGGCTGCCTCCACATTCCTGCCACAGCCACCTGTGTTTGCCTTTCCTCCAC
 CTCTGGGCAGGTTGTTCCGGAAGGTGGGCCAGCTCCTGCTGACCCAGTGGCGGCCACCTTGTCCCTTAC
 CTCAAAGAGGCCCTCAGGCCCTGGAGAAGAGGGCACAGAACAGACCACATGGAAGCCGGCAACGAGGAA
 AGGGATCTCTGACCGAGGGCCGAATCCACCTCCTCACCTTGGGACCCCGGAGCTGGCCTGGCGG
 GCCAAAAGGGAGCTTGGCTCTGCAGCTGGAAGTGGCAACCAGAAAAGTTCCTCTGCTTGGACGCAGG
 ACCATGGCTGGACAGGACCCCGAGGGGAGCAGCGGCTGTTCTCTGGGCTCCTAAGTGGGTGGATTAC
 TCCTCAAGTATGGCTTCGGCTACCAGCTGTGGATGGGGGAGTGGGGTGTGTTTCGGGATGGCTCCC
 ACATGGCCTGCGCCCCAAGGCGGCCATGTCTCTACCAACCTGACCAAGGGACTCTCTGGACCTTAC
 CCTGAGGGACGTCCCAGCCACTTCGTGCCAAGCTGGCTGTCTGCGGCTCTTTCGCTGTATATGCAG
 CGGCGTCTGCGGGAGGAGGGGACTGTGCCATGCCTGCCACACCTGCCTCTCCTGACATCTCTGCTGA
 GCTTCATTGCTGACTCCCAGGCTATGGTATGCTGTTTAGCAATGGGACAGTGCAGGTGACGCTCAAAC
 CTCCAAACCCAGCTGGTGTAAAGTGGGAGGACGAGGACCTCCTGCTCACCTCCAGGACCCAGGGGGA
 CCCGCTGTGGGCTCTCCTACACTCGATGTCCTGCGGAGCCATGGCTTACCCTTGCAGTCCACCATC
 ACCTGCGCCATGGCTGCATCTGCTACAGAGTGTCTGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: BC099679
Insert Size: 1788 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: [BC099679](#), [AAH99679](#)

RefSeq Size: 2089 bp

RefSeq ORF: 1787 bp

Locus ID: 216166

Cytogenetics: 10 C1

Gene Summary: Inactive serine/threonine-protein kinase that plays a role in cell cycle progression and neuronal differentiation.[UniProtKB/Swiss-Prot Function]