

Product datasheet for **MC218989**

Alpi (NM_001081082) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alpi (NM_001081082) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Alpi
Synonyms:	2010001C14Rik; Akp6; glAP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218989 representing NM_001081082
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGGGAGACTGGGTGCTGCTGTTGTTTTGGGTCTCAGGATCCATCTGTCCTTTGGTATCATCCCAG
 CTGAAGAGGAGAACCCGGCCTTCTGGAACAAGAAGGCAGCTGAAGCCCTGGATGCTGCCAAGAAGCTGCA
 GCCATTACAGACATCAGCTAAGAACCCTCATCATCTTCCTGGGAGACGGGATGGGGTACCCACAGTGACA
 GCCACCAGGATCCTAAAGGGGCAAGTTGGAAGGCCATCTAGGACCGGAGACACCCCTAGCCATGGACCTCT
 TCCCATACATGGCTCTGTCCAAGACATAACAACGTGGACAGACAGGTCCCAGACAGCGCAGGCACAGCAAC
 CGCCTATCTCTGTGGGTCAAGGCCAACAAGACCATCGGCCCTGAGTGCAGCTGCTCGATTAGACCAG
 TGCAACACCACATTTGGCAATGAGGTCTTCTCAGTGATGTACCGTCCAAAGAAAGCAGGGAAGTCTGTGG
 GAGTGGTGACCAGCAGGGTGCAGCATGCCTCTCCAGCCGGCACCTACGCACACACGGTGAACCGTAA
 TTGGTACTCAGATGCAGAGATGCCTGCCTCTGCACTGCAGGACGGCTGCAAGGACATCGCCACTCAACTC
 ATCTCCAACATGGACATTGATGTATCCTCGGTGGAGGCCGAAAGTTCATGTTTTCCAAGGGGACTCCAG
 ACCCTGAGTACCCAAGTGACAGTAACCAGTCTGGAACCAGGCTGGATGATCAGAACCTGGTGCAAACGTG
 GCTGTCAAAGCATCAGGGAGCCCGGTATGTTTGGAAACCGATCAGAGCTCATTAGGCATCCCAGGACCCA
 GCAGTAACTCACCTCATGGGCCTCTTTGAGCCAACAGAAATGAAATATGATGCCAACCGAAACCCCTCAG
 TAGACCCTTCCCTGGCGGAGATGACAGAGGTGGCTGTGCGCATGCTCAGCAGGAATCCACAAGGCTTCTA
 CCTTTTGTAGAAGGGGGTTCGATTGACCAAGGCCACCATGCGGGCACAGCTTACCTGGCACTGACTGAG
 GCTGTCTGTTTCGACTTGCCATCGAAAAGGCCAGCCAGCTTACCAATGAGAAGGACACGCTAATACTCA
 TCACTGCTGACCACTCCCATGTCTTCGATTTGGTGGCTACACACTTAGGGGGACCTCCATCTTTGGTCT
 GGCCCCACTCAAAGCCCTAGATGACAAATCCTACACCTCATTCTCTATGGCAATGGTCCAGGTTATGAG
 CTGAAATCAGGCAACCGCCCAATGTCACCGAAGCTCAGAGTGTGATCCCAACTACAAGCAGCAGGCGG
 CTGTACCCTGTGCTCAGAGACCCAGCGGGGAGGACGTGGCCATATTTGCGCGCGGCCCTCAGGCACA
 CCTGGTGCACGGAGTTCAGGAGCAGAACTACATCGCGCACGTGATGGCATTGCGAGGCTGCTTAGAGCCC
 TACACCGACTGCGGCCTGGCGCCCCCTGCCGGCCAGAGCCCCGTCATCACCCGGGCCAGGCCACCACCA
 CAAACAACGCGGCCGGCCAGGCCACCACCACAAACAACGCGCGGCCAGGCCACTGCTCTGCTGCTCCTT
 GCAACTGCTGGTCAGCATGCTGCTGCTAGTAGGGACAGCCATGGTGGTGTCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081082

Insert Size: 1665 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_001081082.2](#), [NP_001074551.1](#)

RefSeq Size: 2337 bp

RefSeq ORF: 1665 bp

Locus ID: 76768

Cytogenetics: 1 C5