

Product datasheet for MC224820

Alpk3 (NM_054085) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Alpk3 (NM_054085) Mouse Untagged Clone
Tag: Tag Free
Symbol: Alpk3
Synonyms: AW319487; D330016D04; MAK; Midori; mKIAA1330
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224820 representing NM_054085
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGGGTCGCGGAGGGCCGCGGGCCGGGGCTGGGGCTGGGTGGTTCGAGCAGGAGCTGGTGGAGATAGCG
 AGGACGACGGGCCGGTGTGGACGCCCGCCAGCCAGTCGAGCTACTTGCTTAGCGTGGCCAGAGGC
 TAGCTTATCAAGCAACCGTTGTCTCACCCAGCTCTGGAAGGAGCACCTTCTGTCCATCATTGCTCAG
 CTCACAGAGGAGACCCAGCCACTGTTCCGAGACCACACTCAAGTCCCGTGCCGTGCCAAGACAGTGACC
 TCAGGTTACCTGCATTGTACAGGATACCCAGAGCCAGAGGTGACCTGGTACAAGGATGACATAGAAGT
 GGACCGTTACTGTGGCTTGC AAAATACGAGATCACTCATCAAGGCAACCGTCACACCCTGCAGCTGTAC
 AGGTGTCAGGAAGAAGATGCTGCCATCTACCAAGCCTCTGCCCGAACACCAAGGGCATCGTGTCTGCT
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 GACACGCTTCTTCGCAAGATCAGCCCCGACCGCTTCCAAGAAAGCGCCGACTGAGTGGAGTCAAGAGG
 CTGTCTCTCCAGCCAGTCAGGGAATGGAGGAAGGCTCCTCAGCGGCTTGGCAGGAAGGAGACTGA
 GTCTGCTCAGCACCCGGGTTGGGTTTGATCAACAGTTTTGCTCCTGGAGAGGCCCCACCAATGGGGAG
 CCTGCTCCAGAGAACGGGAAGACGAAGAGCGTGGCTTGTGACATACATCTGCGAGGTGATGAACTGG
 GGCCTCAGAACAGCCCTCAAAGGAGTCTGGGGCTAAGAAGAAAAGGAAGGATGAGGAATCTAAACCAGG
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 GACAAACCCAACCTCCAGTAGAAGGGAGAAGTCCACGGATACACAGCCAGCTCAGACCCAGCCAGAGGCC
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 TCTTCCATGGTCCCCGCCATTAAAGCCTTTGAACAGGAAGAGATTTGCCCTCCTAAATCAAAGTGG



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AGTCAACTACTACCTCTCTCAAGTCAGACTTCAAGTCTATGGCCAGAGCTTAGGGAAGGCTCTACC
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GGCAAACGAGCCACAAGACTCCAGGAGAGGCTCTGGAGTCCCCAGCAACCGTGGCTCCCACCAAGTCTG
CCAACAGCAGCTCCGATACCGTCTCTGTTGATCACGACAGCTCTGGAAATCAAGGGGCCACGGAGCCAT
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CAAGCTCTTTGGGCGATTGGTGAGCGAGGAACCTCGAGGGGTGGACATGGCCTTCAGAAGGCGTCCCG
GCCAAGGTCATCTATGGGCTGGAACCCATCTTGAATCTGGCCGACGTGCATCATCAAAGTATCCAGCC
TGCTTGTGTTCCGACCCAGCAGTGAACCTCTCTTGGGCAGAACTATGACGTCACTATCCAGGGATG
CAAGATCCAGAACATGAGTCGAGAGTACTGCAAAATCTTTCAGCTGAAGCCCGGGCGGCTCTGGCTT
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TGGAGGAAGATCTGGCAAGCCCTGCAGACTTACTGTTCCAGGCAGTGGGGCTGTGCTGGGGCCCCCG
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GGCAGCTTTCTGTACAGATCTGACAGGAGCTGACTGGAAGTACTGATGTACAGATTGCTACCAAC
TTCGAGGATACCAAGGCTCAAGGAGAGCTGTTTTCTGCCCTGCTGGACCAGTTTGCCTTCCCACCA
GTGTAACACCTACTGTGACATGCTGGGGCTGAAGCCCTCAAAGGCCCTGAGGCTGCCACCCCTCAAGCC
AAGGCCAAAGGCTCCAAAAGTCCATCTGCTGGCAGAAAAGGCTCAGAGCTGAGTCTCAACCCAGGAAGA
AAGGCTTCCCAGTCCCAGGGCTCCAGGAAGAGCGCTCAAAGTCCAGGGCTACACTTCAGGCCTCCCA
GGCAGCCACTGTTCAAGTACTGGGACAGCCTCCTGTCCAAGATGGGAGCTCTAAGGCCAGAGCATGCGG
TAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_054085

Insert Size: 5043 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_054085.2](#), [NP_473426.2](#)

RefSeq Size: 6369 bp

RefSeq ORF: 5043 bp

Locus ID: 116904

Cytogenetics: 7 D3