

Product datasheet for **RN211734**

Akp3 (NM_022680) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akp3 (NM_022680) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Akp3
Synonyms:	Alpi2; IAP-2; IAP-II
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211734 representing NM_022680
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAGGGCGCCTGGGTGCTGCTGCTGGGCTTCAGGCTACAACCTGTCCCTTAGCGTCATTCCAGTGG
 AGGAGGAGAACCAGCATTCTGGAACCAGAAGGCAGCCGATGCCCTGAATGTTGCCAAGAAGCTGCAGCC
 CATTACAGACGTCAGCCAAGAACCCTCATCATCTTCTGGGTGATGGGATGGGGGTGCCACAGTGACAGCT
 ACTCGGATCCTAAAGGGACAGTTGGAAGGTAATCTAGGACCTGAGACACCTTAGCCATGGACCCTTCC
 CATATATGGCTCTGTCCAAGACATACAGTGTGGACAGACAGGTCCCAGACAGTGAAGCAGACCCCGC
 CTACCTATGTGGGGTCAAGACGAACTACAAGACCATTGGTGTGAGCGCGGCAGCAGATTGACCAGTGC
 AACACCACATTTGGCAACGAGGTCTCTGTGATGTATCGTCCAAAAAGCAGGAAAAATCCGTAGGCG
 TGGTGACCACCACAGGGTGCAGCACGCATCTCCAGCAGGCACCTATGTTCACTGTGAACCGCAATTG
 GTACGGGGATGCGGATATGCCTGCCTCTGCACTGCAGGAGGGCTGCAAGGACATTGCTACACAACCTATC
 TCCAACATGGACATTAAGGTGATCCTTGGTGGGGGCCGAAAATACATGTTTCTGCAGGAACCCAGACC
 CTGAGTATCCGAATGATGTTAATGAGACTGGAACCAGACTGGACGGCAAGAACCTGGTGCAGGAATGGCT
 GTCAAAGCACCAGGGTCCCAGTATGTTTGAATCGCCAAGAGCTCATTGAGAGTCCCTGGATCCATCA
 GTGACGTATCTCATGGGCCTCTTTGAGCCTGTAGACACAAAATTCGAGATTCAACGAGACCCCTGATGG
 ACCCATCTCTGAAGGATATGACAGAGGCAGCCCTGCATGTGCTAAGCAGGAACCCCAAAGGCTTCTATCT
 ATTTGTGGAGGGGGCCGGATCGACCGCGGTACCATCTGGGCACAGCTTATCTGGCGTACTGAAAGT
 GTGATGCTCGACTCAGCCATCGAGAGGGCCAGCCAGCTCACTAGTGAGCAGGACACTCTGACCATAGTCA
 CTGCTGACCACCTCCATGTCTTCTCTTTGGTGGCTACACACTTCGAGGGACCTCCATCTTTGGGCTGGC
 TCCCTCAATGCTCTGGATGGCAAGCCCTACACCTCCATCCTGTATGGCAATGGCCAGGCTATGTCGGT
 ACAGGGGAAAGACCCAACGTACCGATGCTGAAAGCCATGACCCATCGTACCAGCAGCAGGCTGCTGTGC
 CGGTGAAGTGGGAGACCCACGGTGGGGAGGACGTGGCTATATTCGCACGTGGCCCGCAGGCGCACTTGT
 ACACGGAGTGCAGGAACAGAACTACATCGCGCACGTATGGCCTTCGAGGCTGCTGGAGCCCTACACC
 GACTGTGGCCTGGCGCCCTGCAGACGAGAACAGACCAACCACCCGGTCCAGAACAGCACCCTACCA
 CCACCACCACCACCACCACCACCACCACCACCCTACCACCCGGTCCAGAACAGCGCCAGTAGCCTGGG
 TCCAGCCACCGGCCACTGGCCCTGGCACTACTGGCCAAGGCGCTGATGCTACTACTGGGGCTCCTGCT
 GATTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_022680
- Insert Size:** 1689 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_022680.1](#), [NP_073171.1](#)

RefSeq Size: 1689 bp

RefSeq ORF: 1689 bp

Locus ID: 64621

Cytogenetics: 9q35