

Product datasheet for **MR219293**

Akp3 (NM_007432) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akp3 (NM_007432) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Akp3
Synonyms:	Akp-3; dIAP; IAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR219293 representing NM_007432
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATG**CAGGGCACCTGGGTGCTGCTGCTGCTGGCCCTCAGGCTACAGCTGTCCCTTAGTGTCATTCCAGTGG**
AGGAGGAGAACCCGGCCTTCTGGAACAAGAAGGCAGCCGAGGCCCTGGATGCTGCCAAGAAGCTGCAGCC
CATTTCAGACATCAGCTAAGAACCCTCATCATCTTCTGGGTGACGGGATGGGGTACCAACAGTGACAGCC
ACCAGGATCCTAAAGGGACAGTTGGAAGGTCATCTAGGACCTGAGACACCCCTAGCCATGGACCGCTTCC
CATATATGGCTCTGTCCAAGACATACAGTGTGGACAGACAGGTTCCAGACAGTGAAGCAGGCCACCGC
CTACCTGTGTGGGTCAAGACCACTACAAGACCATCGGCGTGAGCGCAGCCGCGAGATTCGACCAGTGC
AACACCACATTTGGCAATGAGGTCTTCTCAGTGATGTACCGTGCCAAGAAAGCAGGAAAAATCCGTAGGTG
TGGTGACCACCACAGAGTGCAGCACGCCTCTCCCTCGGGCACATATGTTACACAGTGAACCGCAATTG
GTATGGGGATGCTGACATGCCTGCCTCTCGCTGCGGGAAGGTTGCAAGGACATTGCTACACAACATCATC
TCCAACATGGACATTAATGTGATCCTTGGTGGGGGCCGAAAATACATGTTTCTGCTGGAACCCAGACC
CCGAGTATCCAAATGATGCTAATGAGACTGGAACCAGATTGGATGGCAGGAATCTGGTGCAGGAATGGCT
GTCAAAGCACCAGGGATCCCAGTATGTTTGAATCGTGAACAACCTATTGAGAAGGCCAGGATCCGTCA
GTGACATACCTCATGGGCCTCTTTGAGCCTGTAGACACAAAATTTGATATTCAACGAGATCCCCTGATGG
ACCCATCTCTGAAGGATATGACAGAGGGCGCCGTGAAAGTGCTAAGCAGGAACCCCAAAGGCTTTTATCT
CTTTGTGGAGGGGGCCGAATCGACCGTGGTACCATCTGGGCACAGTTATCTGGCGTGACTGAGGCT
GTGATGTTGACTTAGCCATCGAGAGGGCCAGCCAGCTCACTAGTGAACGCGACACTCTGACCATAGTCA
CTGCTGACCACTCCCATGTCTTCTCTTTGGTGGCTACACACTCGAGGGACCTCATCTCGGGTGGC
TCCCTCAATGCTCTGGACGGCAAGCCCTACACCTCCATCCTGTATGGCAACGGCCAGGCTATGTCGGT
ACAGGGGAAAGACCCAACGTACCCGCGCTGAAAGCAGTGGCTCATCGTACCGGCAGCAGGCTGCTGTGC
CGGTGAAGTGGAGACCCACGGCGGGGAGGACGTGGCGATATTCGCGCTGGCCCGCAGGCGCACTTGCT
GCACGGGGTGCAGGAGCAGAACTACATCGCGCACGTGATGGCCTTCGAGGCTGCCTGGAGCCCTACACC
GACTGCGGCTTGGCACCCCTGCAGATGAAAGCCAGACCACCACGACAACCCGCCAGACCACCATCACCA
CCACCACCACCACCACCACAACCACCCCGGTCCATAACAGCGCCAGAAGCTGGGCCAGCCAC
CGCCCCGCTGGCTCTGGCGCTGCTGGCCGAATGCTGATGCTACTACTAGGGCTCTGCGGAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR219293 representing NM_007432
 Red=Cloning site Green=Tags(s)

MQGTWVLLLLGLRLQLSLSVIPVEENPAFWNKAAEALDAAKKLQPIQTSAKNLIIFLDGDMGVPTVTA
 TRILKGQLEHGLPETPLAMDRFPYMALSKTYSVDRQVPDSASTATAYLCGVKNTYKTIQVSAARFDQC
 NTTFGNEVFSVMYRAKKAGKSVGVTTRVQHASPSTGYVHTVNRNWDADMPASALREGCKDIATQLI
 SNMDINVLGGGRKYMFPAGTPDPEYPNDANETGTRLDGRNLVQEWLSKHQGSQYVWNREQLIQKAQDPS
 VTYLMGLFEPVDTKFDIQRDPLMDPSLKDMEAAVKVLSRNPKGFFLVFEGGRIDRGHHLGTAYLALTEA
 VMFDLAIERASQLTSDRTLTIVTADHSHVFSFGGYTLRGTIFGLAPLNALDGKPYTSILYGNPGYVG
 TGERPNVTAAESGSSYRQQAAPVKSETHGGEDVAIFARGPQAHLLHGVQEQNYIAHVMAFAGCLEPYT
 DGLAPPADESQTTRQTTITTTTTTTTTTTTTTPVHNSARS LGPATAPLALALLAGMLMLLLGAPAES

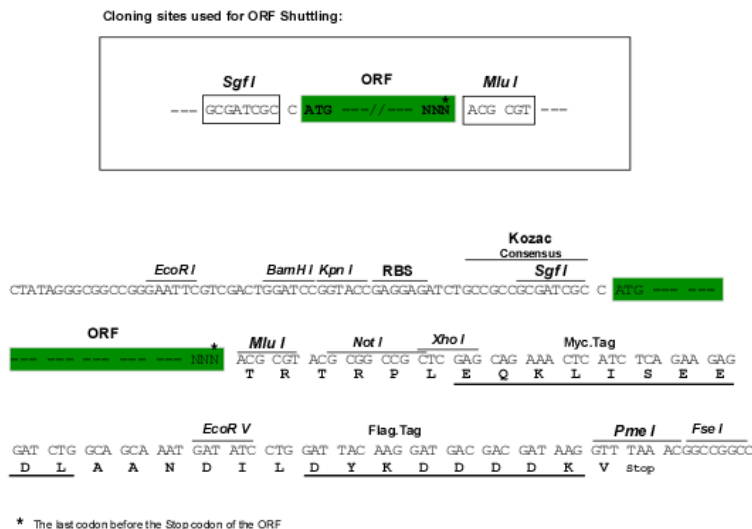
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9039_c01.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

ACCN: NM_007432

ORF Size: 1677 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_007432.3](#)
RefSeq Size: 1680 bp

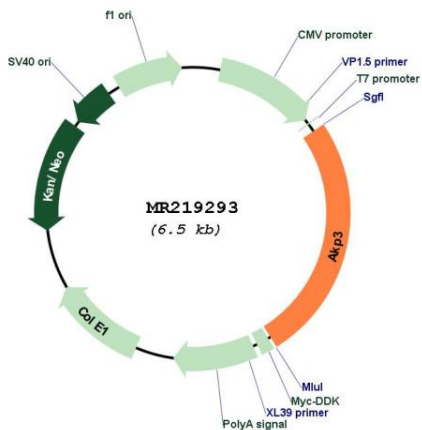
RefSeq ORF: 1680 bp

Locus ID: 11648

Cytogenetics: 1 44.06 cM

MW: 60.7 kDa

Product images:



Circular map for MR219293