

Product datasheet for **MC210141**

Akip1 (NM_020616) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akip1 (NM_020616) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Akip1
Synonyms:	BCA3; C11orf17; D7H11orf17; D930014E17Rik; ICRFP703B1614Q5.6; ORF27
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210141 representing NM_020616 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAATACTGTCTGGCGCCGCGCGCTGAACGGAGTGGACCGCGCTCGCTCCAGCGCTCTGCTCGGC
TGGGGAGGGAAGTATTGGAGCGCGCCAAGAGGAGGGCAGTGGACTGGCATTCTCCAGAGCGATCCAGAGG
CAACGTGGGGTCTTTACGCCAGGGCCCTACCAGAAAGATGGTCGGTCCCTGGTCCAGCGCCTC
CTAGGAGAGAGAAGAAAGGTGCCAACCCCTAGCTCTTCCTTCGGAGCAATGGCTGAATTCATGGACT
ATACTTCAAGTCAGTGTGGAAATACTACTTGTCTATGCCAGAGGAAGGAGGAGCAACCCATGTCTACCG
TTATCACAGAAGGAAACCTCCAGAGATGCACATGTACTCAGATACTGGGCACAGTCAGGAACAAAGAAAC
TGCAGAGGCGAGACATCTGTTGGACAAGAAAGCATCTACCAAACATCAGAGCATTCTCAAGAGTCTCTT
GGCCTACTGAGAACATCTAAGGACCTCTACATCGAAGTCTACCCAGGGACCTATTCTGTCACTGTGGG
CTCCAGTGCCTTATCCAAGAAGACGCACGTGGTTGCAGTTGACCCCGGGCAAAGTGTGGACTTGGTCTTC
CCCGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_020616
Insert Size:	639 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_020616.1</u> , <u>NP_065641.1</u>
RefSeq Size:	973 bp
RefSeq ORF:	639 bp
Locus ID:	57373
UniProt ID:	<u>Q9JIR5</u>
Cytogenetics:	7 E3
Gene Summary:	Enhances NF-kappa-B transcriptional activity by regulating the nuclear localization of the NF-kappa-B subunit RELA and promoting the phosphorylation of RELA by PRKACA. Regulates the effect of the cAMP-dependent protein kinase signaling pathway on the NF-kappa-B activation cascade (By similarity).[UniProtKB/Swiss-Prot Function]