

Product datasheet for **MC206413**

Ank (BC054379) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ank (BC054379) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ank
Synonyms:	ank; Ankh; D15Erttd221e; mKIAA1581
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC054379
CTCTTTCTCCCCGGCAGATCTTTGTTGTGTGGGAGGGCAGCGGGGATGGACTTGAGCTCGCGGCTCTCCT
GCTAGAGCAGCAGCGCTTGAGAGGACGCCGCCGCCGCGAGCAGCCGCCCCAGGCCCGCCGGC
CGCGGCTCCGTCCCCGCGCTGCGCTCCGCGCGCTCCAGCACAGTGCCTCGCGGCGGCAGATGAGTG
TGGGGTCAGCCCACGGCGGGGACTATGGTAAAATCCCCGGCCTCACGCACTACTGGCCCCTGATCCGGT
TCCTGGTGCCCTCGGCATCACCAACATAGCCATCGACTTCGGGGAGCAGGCCTTGAACCGGGCATCGC
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CAGAGCTGGGGGGTATGCAACCATAAGAAAGATGCTGAGCTTCTGGTGGCCCTGGCTCTGATCCTGGC
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CAGGGACCTGAAGAAAGTCTTTACTGTCGCTTGTAACTCAGAATCGTGACTTACGCCCCTGCTTCA
TAAACCCAAAAGATAGAGCTGCCTCTTGGTCAACGTTTCTACTCCCTGGACAATCTCCACTTTGGAAC
CAAAGGACTTGGGCCAGACTTTTCTGTTCATGTTTGCCTCCTCCTAAGAATCAACAGTTGAAGCTCAG
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AGCAAAGCTTTAAGTCGTAATCTAGCATCCTAATGCCAGGGTCTGTCTCGTAACTTCTGATGTAGATGT
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CCTGATTTAGTCAAAGTAACTAGACTGAAAGAACCCTAAACAAAACAAATATTTTAAAGATATAAATATAT
GCTGTATATGTTATGTAATTTATTTTAGGCTATAATACATTTCTATTTTCGCATTTTCAATAAAATGTC
TCTAATAACAATTCAGTGATTGCCTTCATGCTCCACATACCTACAGCTTACTCGGGTTGTACCAGTGACCG
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ACCTCGGGAGGAAATGGATCCACTACTGTAGACAGGCAAAGGTGGGAAGGGCGGAGGAAAAGGGCGGAA
GGCGGGCCTCTTGTGCTTATTATTTGGTGTGTGTAACCTCATTTTAAAGTGTGAGGGCTACACAGGC
TCGCATTTCCATTTCTAGATACCCAGTGTCCCTCATATGTGCCACCATGGGAACAAATCCTATGTGCTT
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AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG
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Restriction Sites:	RsrII-NotI
ACCN:	BC054379
Insert Size:	1479 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:	<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:	BC054379 , AAH54379
RefSeq Size:	3468 bp
RefSeq ORF:	1479 bp
Locus ID:	11732
Cytogenetics:	15 10.23 cM
Gene Summary:	Regulates intra- and extracellular levels of inorganic pyrophosphate (PPi), probably functioning as PPi transporter.[UniProtKB/Swiss-Prot Function]