

## Product datasheet for **SC216609**

### AK3 (NM\_016282) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	AK3 (NM_016282) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AK3
Synonyms:	AK3L1; AK6; AKL3L; AKL3L1; FIX
ACCN:	NM_016282
Insert Size:	2000 bp



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**Insert Sequence:** >SC216609 3'UTR clone of NM\_016282  
 The sequence shown below is from the reference sequence of NM\_016282. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAAAGCCAGAAAGCTTCAGTTACTCCAAGAGGAGAAATGTGTGTAACATTAATAGTAAGATGGGCAA
CCTCCTAGTCCTTGCAATTTAGAAGCTGCTTTTCTAAGACTTCTAGTATGTATGAATTTCTTGAAAATT
ATATTACTTTTATTTCTACTGATTTTATTTGGATACTAAGGATGTGCCAAATGATTCGGATACTAAGA
TGCATCGTTTGAAATCATCTAGTGTGTTGTATGCAGTTATCCTCAAAAACATCAGCGATGTCTGAACCT
TAAAACATCTGTTAGAGCAAAATTAAGAGCATTGGTAGTAATCTAACTTTTGTTCAGTTAATAA
GTGGTTGATAAAGTTCCATATTTTCTGGAAAAGTTAAAAAAGTTACATGTCATTTGGAGAAAATAC
GTAATCAGAAATTTGTCATAGATTGATGCCAAAAAGACATTTCCAGCATTGTGGAACATGGTGAGAC
ACTATATAAAATCCAGAAAGAAAGCAACTGGATTTACAGATTTATTGTGAGACACAAAATCACTGCTG
CCTTTACTACTAAGAAATGTATATGTTAACCATATATGCTGTATTTATTTGTCTGTTAAGCATACTTTCA
GTTTACTCAGAATTTTCAATTTGCTATAAAGATGTATCAATTAGCATATAGAAAAATATTACTTTAAGA
TGACTTGTTCCTTTGAAAATACCTGTGTACTGAGGGTTATGATTTGTGTCAAAAATTGACATAAGTGC
TTTTACAAGCACCAAAAGTTGAATGAATTTTCAACAAAATGTAATTAAGTCTATGTTTTTTCAGTTATGAC
TCAGGTTAAGAAATGTGTTTTAGGATCTACTTGTGTTTTTCTTTTGTATCCAAATGTGTGATCTGCC
CTGATAAATAACAAGTTATAGTACCATCTCCCCGCCAATAAAAAAGAGAAGAAAAAGAGAAACCCGT
GGCACTATGTAATAAAGTAAGCATACTTTGTTGTTAGTAAATAGATGAGGCATGCCTGGGAAATGCTC
CCTTGGCATAAATAGCAATCAATCATAATTAGTAAACAGGTGTACCAATAAAAAGAAATTTACATGATAG
GTTAACAAGGACCAGGAAAGTGAGTTTCTGAAGGAGTTCTTTGTTCTGATCAAAGAAATGATACCT
GTTAGCATTCACTGCCACCATATTTAAGGAGAAAGAAGTCTATTGGTGTCTGAGCAGCCATTTAA
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GGAGGAAAAAAGTTGATTATGCTTCCATGGCATAATTTACTTCTTACTTCTGTCGCAAAATCAAATGA
ACAAGCCGTCTTACAAGTCGTTATTGCCTTTAAAAATCTGTTCCGTTTTTTTCCAGGTAATTTAAAT
ACAAGTCCAGTAAGTGGTTCTTATGTGTTTTGGGGGAAAATTTTATTTCCCTTTTCTTCTGATATTT
AAAAAATTCATCGATCTTTCAAGATGAACCAAGGTTTTTTAAAAAGAAATATAGGAAACACTTCATTCTT
TATAAACTTTCTATAATGCCTTATTTGAATGTTAATCTTATGTGCTTTCTAAAAATGTTGTGAAATA
CCAACTTATGGATTACTACTAGTTATCAAGCATATATTAGTCTTTATCAGAATAAAATGAAATTTCA
TAACTGTGGCTATTACTTTGTTCTTGGTCTTACAGGGCCTGCTCCATCCCACCTTCTTTCTGCTGC
CTGATGTCTCAATGGCTTCTGAATGACTGTTCTAATAAATGATCTTAAACAGTCCATAGGCTGGTTTC
AGTTTATGCAATACTTCTCCTGCTATGGTAGCCATACCGCCTTCATAATACCCTTAGGGGATTTG
GAAATCAAAGTGAGCAGTGGAAGAACATGGCTATGAGAATTAAGACTCTTATTTCTGTGACCATTC
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_016282.4](#)

**Summary:** The protein encoded by this gene is a GTP:ATP phosphotransferase that is found in the mitochondrial matrix. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Dec 2010]

**Locus ID:** 50808

**MW:** 77.6