

## Product datasheet for **SC214524**

### **ALPK1 (NM\_025144) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	ALPK1 (NM_025144) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ALPK1
Synonyms:	8430410J10Rik; LAK
ACCN:	NM_025144
Insert Size:	1441 bp



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**Insert Sequence:** >SC214524 3'UTR clone of NM\_025144  
The sequence shown below is from the reference sequence of NM\_025144. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGACCTTCAATGGAGAAACCATGCACATAGAAATACGGCACAGTCTGGTCCTTTGGGGCTTGGCAGGGC
CGTGACACAGTTCTGGCCAATGATTTGCAAGAGGAATTGATCAGTATCACTTTAAGTCCTGCATTTAA
TTGGCAGCACAAAGATCCTGCAGAGCCTCTTTCCCTCTGCCACAGTTATCAAGAATGGGTCAAGGACCG
CTGCTTCTGGGCATAAGTCCTGCAAGGAAAGCAACATGGAAAACAGCCCCAACTACCCATGAGGGATG
AAAAGCACTCTTGAGAAAGGCATGTGTTGTTAAGCCATTGAGATTTTAGAGCTTTTGTCACTATCTG
TCAAGACTGATACTACTGGGCTTTTCTATTGATTTGGGAGTTCTTTACATATTAATAAATGTGAGC
CTTTGTGATACGAATTCATTTGTTTCTGTCTTTGACATTTGACTTTGCATAAAAGTTTATCTGTG
CATAATTTTATATGTAGTTGAATTCATCAATCTTTTATTTTGTATGGCTTTTGGTTATGTATAACT
TAGATCCTCCTTATACTCTGAGTTTCTTTCTTTTAAATTCCTGTATTTCTTCTAGTATAATTAAT
CTGTAATAAGTAAGATGGAAGAGTGGTACAGTTTTCTTTATCCAGTCTGTCTTGTAGGGCATTTAGGT
AGACTGGATAAAGAAAATGTGGTACATATACCATGGAACACTATGTGTATTAATCCACTCTCACACT
GCTATGAAGAGATACCTGAGACTGGTAATTTAGAAAAGAAAAGAGGTTTAAATTAACTCACAGTCCACA
TGGCTGGGGAGACCTCAGGAACTTACAATCATGGCAGAAAGGCACCTCTTCATAGGGTAGCAGGAGAGA
GAATGAGTGCCAGCAGGGGAAATGCCAGATGCTTATAAAGCCATCAGATCTTGTGAGAATTCATTCAT
CTCAGGAGAACAGCATGGGAAAACTGCCTCAATTACCTCCTACCAGTCTTCCCATGACACATGGGA
ATTATGGGACTACAATTCGAGATGAGATTTGGGTGGGGACACAAAGCCAAACCATACACAATGTAACC
ATAAAAAAGAATGAGATCATGTCCTTTGCAGGGACATGGATAGAGCTGGAGGCCATTATTTTTAGCAAA
CTAATGCAAGAACAGAAAATAAATACCACTTGTCTCACTTATAGGTGAGAGCTAAGTGATGAGAGTA
GGTGGACACATAGAGGGAACAACACACACCAGGCTTATCAGAGGGTGGACAGTGGGAGGAGGGAGAGG
ATCAGGAAAAATAACTAATGGGTACTAGGCTGAATACCTGGGTGATGAAGTAATTCGCACAACAAACCC
CCATGACACAACCTGCACATGTACCCCTGAACTAAAAATAAAGTAAAAAAAAAAAAATCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul

**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\\_025144.4](#)

**Summary:** This gene encodes an alpha kinase. Mice which were homozygous for disrupted copies of this gene exhibited coordination defects (PMID: 21208416). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

**Locus ID:** 80216

**MW:** 55.2