

## Product datasheet for **SC202884**

### **MATK (NM\_139355) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	MATK (NM_139355) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MATK
Synonyms:	CHK; CTK; HHYLTk; HYL; HYLTK; Lsk
ACCN:	NM_139355
Insert Size:	240 bp
Insert Sequence:	>SC202884 3'UTR clone of NM_139355 The sequence shown below is from the reference sequence of NM_139355. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCACCTCGCCCCGAAGCCAGGAGCCCTGACCCACCCGGTGGGGCCCTTGCCCCAGAGGACCGAGAG AGTGGAGAGTGCGGCGTGGGGCACTGACCAGGCCAAGGAGGTCCAGGCGGGCAAGTCATCCTCCTG GTGCCCCACAGGGGCTGGCCACGTAGGGGGCTCTGGGCGGCCGTGGACACCCAGACCTGCGAAG GATGATCGCCCGATAAAGACGGATTCTAAGGAC <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u><a href="#">NM_139355.3</a></u>



[View online »](#)

**Summary:**

The protein encoded by this gene has amino acid sequence similarity to Csk tyrosine kinase and has the structural features of the CSK subfamily: SRC homology SH2 and SH3 domains, a catalytic domain, a unique N terminus, lack of myristylation signals, lack of a negative regulatory phosphorylation site, and lack of an autophosphorylation site. This protein is thought to play a significant role in the signal transduction of hematopoietic cells. It is able to phosphorylate and inactivate Src family kinases, and may play an inhibitory role in the control of T-cell proliferation. This protein might be involved in signaling in some cases of breast cancer. Three alternatively spliced transcript variants that encode different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:**

4145

**MW:**

8.4