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Product datasheet for SC202882

MATK (NM_139354) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MATK (NM_139354) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MATK
Synonyms:	CHK; CTK; HHYLTK; HYL; HYLTK; Lsk
ACCN:	NM_139354
Insert Size:	240 bp
Insert Sequence:	>SC202882 3'UTR clone of NM_139354 The sequence shown below is from the reference sequence of NM_139354. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCACCTCGCCCCGAAGCCAGGAGCCCTGACCCCACCCGGTGGGGCCCTTGGCCCCAGAGGACCGAGAG AGTGGAGAGTGCGGCGTGGGGGCACTGACCAGGCCCAAGGAGGGTCCAGGCGGGCAAGTCATCCTCCTG GTGCCCACAGCAGGGGCTGGCCCACGTAGGGGGCTCTGGGCGGCCCGTGGACACCCCAGACCTGCGAAG GATGATCGCCCGATAAAGACGGATTCTAAGGAC ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_139354.3

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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