

Product datasheet for **SC318944**

NKIAMRE (CDKL3) (NM_001113575) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NKIAMRE (CDKL3) (NM_001113575) Human Untagged Clone
Tag:	Tag Free
Symbol:	NKIAMRE
Synonyms:	NKIAMRE
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_001113575 edited
TGGGAAC TACGCAGAGCCAGACCAGCGGGACCACAGAATGGGCTGAGGCGGCGGCGCTG
TTTGGATAAAGTCAACAGCGGGACGTGGGGCGTGACGCCGTAGTAAAAGCCAGCTTGAA
AATGGAGATGTATGAAACCCTTGGAAAAGTGGGAGAGGGAAGTTACGGAACAGTCATGAA
ATGTAACATAAGAATACTGGGCAGATAGTGGCCATTAAGATATTTATGAGAGACCAGA
ACAATCTGTCAACAAAATTGCGATGAGAGAAAATAAAGTTTCTAAAGCAATTTTCATCACGA
AAACCTGGTCAATCTGATTGAAGTTTTAGACAGAAAAAGAAAATTCATTTGGTATTTGA
ATTTATTGACCACACAGTATTAGATGAGTTACAACATTATTGTCATGGACTAGAGAGTAA
GCGACTTAGAAAAACCTCTCCAGATCCTTCGAGCAATTGACTATCTTCACAGTAATAA
TATCATTATCGAGATATAAAACCTGAGAATATTTAGTATCCCAGTCAGGAATTAATAA
GCTCTGTGATTTTGGTTTTGCACGAACACTAGCAGCTCCTGGGGACATTTATACGGACTA
TGTGGCCACACGCTGGTATAGAGCTCCCGAATTAGTATTAAGATACTTCTTATGGAAA
ACCTGTGGATATCTGGGCTTTGGGCTGTATGATCATTGAGATGGCCACTGGAAATCCCTA
TCTTCTAGTAGTTCTGATTTGGATTTACTCCATAAAAATGTTTTGAAAGTGGGCAATTT
GTCACCTCACTTGAGAATATCTTTTCCAGAGCCCCATTTTGTGGGGTGTGTTCTTCC
TCAAGTTCAACACCCCAAAAATGCAAGAAAAAATATCCAAGCTTAATGGATTGTTGGC
AGATATAGTTTCATGCTTGTTTACAAATTGATCCTGCTGACAGGATATCATCTAGTGATCT
TTTGCATCATGAGTATTTACTAGAGATGGATTTATTGAAAAATTCATGCCAGAAGTAA
AGCTAAATTAATCGCAGGAAGCAAAAGTCAATTCATTAATAAGCCAAAAGAGAGTTCTAA
AGAAAAAGAACTCAGGAAAGATGAAAGAAAAACAGTTTATACCAATACACTGCTAAGTAG
TTCAGTTTTGGGAAAGGAAATAGAAAAAGAGAAAAAGCCCAAGGAGATCAAAGTCAGAGT
TATTAAGTCAAAGGAGGAAGAGGAGATATCTCAGAACCAAAAAAGAAAGATATGAAGG
TGGACTTGGTCAACAGGATGCAAAATGAAAATGTTTTCATCCTATGTCTCCAGATACAAAAT
TGTAACCATTGAACCACCAAAACCTATCAATCCCAGCACTAACTGTAATGGCTTGAAAGA
AAATCCACATTGCGGAGTTCTGTGACAATGCCCCCATCAATCTAACTAACAGTAATTT
GATGGCTGCAAACTCAGTTCAAATCTCTTTCACCCAGTGTGAGGTTAACTGAAAGAGC
AAAAAAGAGACGCACTTCTTCACAATCTATTGGACAAGTATGCCTAATAGCAGGCAAGA
GGATCCAGGTCTATTCAAAGCCAAATGGAGAAGGGTATATTTAATGAGCGAACAGGTCA
CAGTGACCAAAATGGCAATGAGAACAAAAGGAAGCTGAATTTTTCCAGATCTGACAGGAA
AGAATTCATTTCCAGAATGCCTGTGACAATACAGTCAAAGATACAAAAGGAATGGA
AGTTAAACAGATAAAAATGCTGAAGAGGGAGTCAAAGAAAACAGAGTCATCTAAGATACC
AACTTTACTTAACTGGATCAAAATCAAGAAAAACAAGAGGGTGGAGATGGCCATTGCGA
GGGGAAGAATTTGAAGAGAAACAGGTTTTTTTTCTGGTAGTGTCTTTTCTTTTACATAGT
CCAAAAATACAAGATGACAACCTTCCCGTTTTATTTATCTACAATAGAAGTGTGATGT
GAGTTGTTGTTAAGACAGCCATCCATGTGCATGAGCATCATCCAGCTTTTTTTGTTAGCA
AAACATTTACTGTTTTCTTTCCCTTTAAGACTCTGTTGATGTGATAATTTGATTTGGAA
TTATAAGTCATCTTCTCTGCCTACTCCAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001113575

Insert Size: 2200 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001113575.1</u> , <u>NP_001107047.1</u>
RefSeq Size:	2138 bp
RefSeq ORF:	1779 bp
Locus ID:	51265
UniProt ID:	<u>Q8IVW4</u>
Cytogenetics:	5q31.1
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	<p>The protein encoded by this gene is a member of cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of <i>Saccharomyces cerevisiae cdc28</i>, and <i>Schizosaccharomyces pombe cdc2</i>, and are known to be important regulators of cell cycle progression. This gene was identified as a gene absent in leukemic patients with chromosome 5q deletion. This loss may be an important determinant of dysmyelopoiesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>