

## Product datasheet for **SC208783**

### **KIN (NM\_012311) Human 3' UTR Clone**

#### **Product data:**

|                       |                       |
|-----------------------|-----------------------|
| <b>Product Type:</b>  | 3' UTR Clones         |
| <b>Symbol:</b>        | KIN                   |
| <b>Synonyms:</b>      | BTCD; KINI7; Rts2     |
| <b>Mammalian Cell</b> | Neomycin              |
| <b>Selection:</b>     |                       |
| <b>Vector:</b>        | pMirTarget (PSI00062) |
| <b>ACCN:</b>          | NM_012311             |
| <b>Insert Size:</b>   | 2000 bp               |



**Insert Sequence:**

>SC208783 3'UTR clone of NM\_012311

The sequence shown below is from the reference sequence of NM\_012311. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CAATATGAAGACATTTCTAACTTGCCGAGTTTGAAAATTTGTTAACAATACATTAATCTTAAAGC
ATCAAATTTGGTGTTCGCCAAGGCATTATGAGACTCTACTGTGTAGGGTATATTCTTTTGTATAAAACA
AACAGGTTTTTGAAAATATTACTGTATAGTTGTTTCAGCTAACTTTGAGAAGATTTAATTATGTCTCA
TGAGGTATCAAACTATGTAATTTTGTCTTGTATTTTGTTCCTTTGTAATTTACTTGATGAGTTTA
TATCTTCATTAAAGAATGTTATTATAAAGTGTTTATCTATGACAATTTAGAATCATGTAATTGGAGGA
AATCCTTCATACACTCTATATTTTCACTAGTAGAGTAGTAAAGTTGAACTCTAAGTGTGACTAAATTTT
AAATGTCAAATAAAATATAGAAGCAGCTTTATTGTGGAATAATTATATACCATACAGTTCACTCA
TTTAAATATACATACAATTCAGTGGTTTTAGTATTTTGCAGAATTGTGCAGCCATCACCAGTGTCT
GATTTTAAACACTTTTATACCCCAAAATGAAACCTTTAATAGTCAATCGCTATTTTCCCTCTGCC
CTAGCCCTAGACAGCCACTAATGTACTTTCTGTCTCTATGGATTTGCCCTTTCTGGACATTTCTTATAA
ATGGAATCATATAATATGTGATCTTTATGACTGGCTTCTTACACTTAGCATCATGTTTCAAGGTTTA
TCCATGCAGTAGCATGTAGGCGTGCTTCATTTGTTTTATGGCTGCTTAATATCCACTGTATGGATGT
ACCGTATTTTGTGTTCATTATCAGCTGATAAACATTTAGATTGTTTCTACTTTTTGGCTATTGTGA
ATAATGCTGCCATGATACCCATTTACAGGATTTTATGTGAACAGAAGCTTTCGCTTCTGCCAACTCT
TCCAGAGCAGCTATACCATTTTACAGTCTACCAGCAATGTTGAACTATAGTTTATTTGTTTTAATT
TTTTTACTTTTAGAGACATGGTCTCACTGTGTGCCCAGGCTGCTGCAAACTCCTGGGCTCAAGTGAT
CCTCCTGCCTCAGCCTCCCAAAGTGCTAGGATTGCAGGTGTGAGCCACAGCACCTGCCTAACCATACA
GTTTGAAATAAGTAGGGCAGTGTATTATTAGGGAATGCAAAAGACAGGAAACCCACATTTGCCTGTGCC
AAAGGAAAAACGAAGGGATATTTGTAGTGACATGACTGAAAGGAGCAGACGCTAGCTTCCAGGGCAGC
GGGACCGGGTGTGAACAGCCTTCCCTGGGCTTCCGCTCTGTCTCTGGCTCCTGTGCTGGCTCTCTACAT
TTACATTTCTTGAGCACTCTAGGTTTACATCTTACCCTTCAGCAGCACCCGGGAAGAGAGAGATGATCTAT
CTTTTCTTTTTCTTTTTTTTTTTTTTCTGACACAGAGTCTCACTCTGTCAACCAGGCTGATTGACGTA
GTGCAATCTCGGCTCACTGCAACCTCCACCTCCGGGTTCAAGCCATTCTCCTGCCTCAGCCTCCTGAG
TAGCTGGGACTACAGGCATGCGCCACCAGCCAGCTAATTTTGAATTTAGAAGAGATGAGGTTTC
ACCATGTTGGCCAGGATGGTCTCGATCTCTTGACCTTATGATCTGCCCGCTCAGCCTCCCAAAGTGCT
GGGATTACAGGCATGAGCCACTACGCCTCTTTTTTTTGTCTGTTTTTGTAGATAGGGTCTTGCTCTG
TCATCCAGCCTGGAGTGCAAGTGGCAATCATGGCTCACTGCAGCCTCGTCTCCTGGGCTTAGGTCTAT
TGATTCTCCACCTCAGCCTCCGAGTAGCTGGGACTACAGGCATGCACTACCATGCCTGGCTAATTTT
TTTGATTTTGTAGTAGAGATGAGGTCTTGCTATGTTGCCAGGCTGGTCTCAAACTCTTGAGCTCAAGC
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:**

Sgfl-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.

**Note:**

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** NM\_012311.4

**Summary:** The protein encoded by this gene is a nuclear protein that forms intranuclear foci during proliferation and is redistributed in the nucleoplasm during the cell cycle. Short-wave ultraviolet light provokes the relocalization of the protein, suggesting its participation in the cellular response to DNA damage. Originally selected based on protein-binding with RecA antibodies, the mouse protein presents a limited similarity with a functional domain of the bacterial RecA protein, a characteristic shared by this human ortholog. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]

**Locus ID:** 22944

**MW:** 74.3