

## Product datasheet for **SC209767**

### **BCKDH kinase (BCKDK) (NM\_001122957) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** BCKDH kinase (BCKDK) (NM\_001122957) Human 3' UTR Clone  
**Symbol:** BCKDH kinase  
**Synonyms:** BCKDKD; BDK  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_001122957  
**Insert Size:** 837 bp  
**Insert Sequence:** >SC209767 3'UTR clone of NM\_001122957  
 The sequence shown below is from the reference sequence of NM\_001122957. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCGCCAGTCAGGACCCATGCACGGGTGAGACCCTGCCAGGCCAGGATGGAGGGGTGGGGACCCAG
GAGACTCAAGCCTCTGAAGCCTCCTGTCTGTCCCCTGCCACCCAGCTTTGGCTTCGGGTGCCC
ACGTACGGGCTACGCGGAGTACCTCGTGGGTCTCTGCAGCTGCAGTCCCTGCAGGGCATTGGCAGC
GACGTCTACCTGCGGCTCCGCCACATCGATGGCCGGGAGGAAAGCTTCCGGATCTGACCCACAGCCTT
TGGCCTGCTCACCCGACAGCCTGGGCCGATTCCCTGCAGGACCTCCCGGGTCAGGCAGGGCGGCCCC
CTGCTCCACACTGCTGCATCTTGGGTCTCAGGGACCCAGACAGATGGACTTACATGGAGCTGGGCAC
TGCCCTGCCTCAACAGGGTCCATTGCCTCCTCGCTCCAGAACTTGGAGCAGGGAAGTGGGCACCCTGA
GGCCTCCAGCACCAGTTCGGTCACTTCTCGTTCTGGGAAACCCCACTCTGACCTGTTATTAAGTTCA
CATTTTGAATGCCCTCTCGGGCCCCGTGTGTGGGAGGGCAGGTGAACTTTGTTTCTGCCCCATTCA
GGTTCAGTGAACCTTGGGTTGAACTGGTTCGTGTCCCAGTCTCTTACCTGCCCTGAGAGCCTGGCAGG
CCAGGAGTAGAATGGGTCCCAAGTCTGTTGCATGTTTGATTGGTGGGAGTGGGATGACTGCAGCACCT
TATACAAAGAGCTTTCATTCATCTGTTGAACAAATGTTCCGGGTCCCAGATAATATTGAAGGCCCA
ACTGACCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001122957.4</a>
<b>Summary:</b>	The branched-chain alpha-ketoacid dehydrogenase complex (BCKD) is an important regulator of the valine, leucine, and isoleucine catabolic pathways. The protein encoded by this gene is found in the mitochondrion, where it phosphorylates and inactivates BCKD. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]
<b>Locus ID:</b>	10295
<b>MW:</b>	29.9