

Product datasheet for SC207272

BCKDH kinase (BCKDK) (NM_005881) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BCKDH kinase (BCKDK) (NM_005881) Human 3' UTR Clone
Symbol:	BCKDH kinase
Synonyms:	BCKDKD; BDK
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005881
Insert Size:	556 bp
Insert Sequence:	<p>>SC207272 3'UTR clone of NM_005881</p> <p>The sequence shown below is from the reference sequence of NM_005881. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GATGGCCGGGAGGAAAGCTTCCGGATCTGACCCACAGCCTTTGGCCTGCTACCCGACCAGCCTGGGC
CGCATTCCCTGCAGGACCTCCCGGGTCAGGCAGGGCGGCCCTGCTCCACACTGCTGCATCTTGGG
TCTCAGGGACCCAGACAGATGGACTTACATGGAGCTGGGCACTGCCCTGCCTCAACAGGGTCCATTGCC
TCCTCGCCTCCAGAACTTGGAGCAGGGAAGTGGGCACCCTGAGGCCTCCAGCACCAGTTCGGTCATTCT
CGTTCCTGGGGAACCCCACTCTGACCTGTTATTAAGTTACATTTGAATGCCCTCTCGGGCCCGT
GTGTGGGAGGGCAGGTGAACCTTTGTTTCTGCCCCATTAGGTTCACTGAGCCCTTGGGTTGAACTG
GTTCTGTCCCAGTCTCTTACCTGCCCTGAGAGCCTGGCAGGCCAGGAGTAGAATGGGTCCCAAGTCTG
TTGCATGTTTGATTGTTGGTGGAGTGGGATGACTGCAGCACCTTATACAAAGAGCTTTCATTCATCTTGT
TGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).



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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>NM_005881.4</u>
Summary:	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]
Locus ID:	10295
MW:	20